

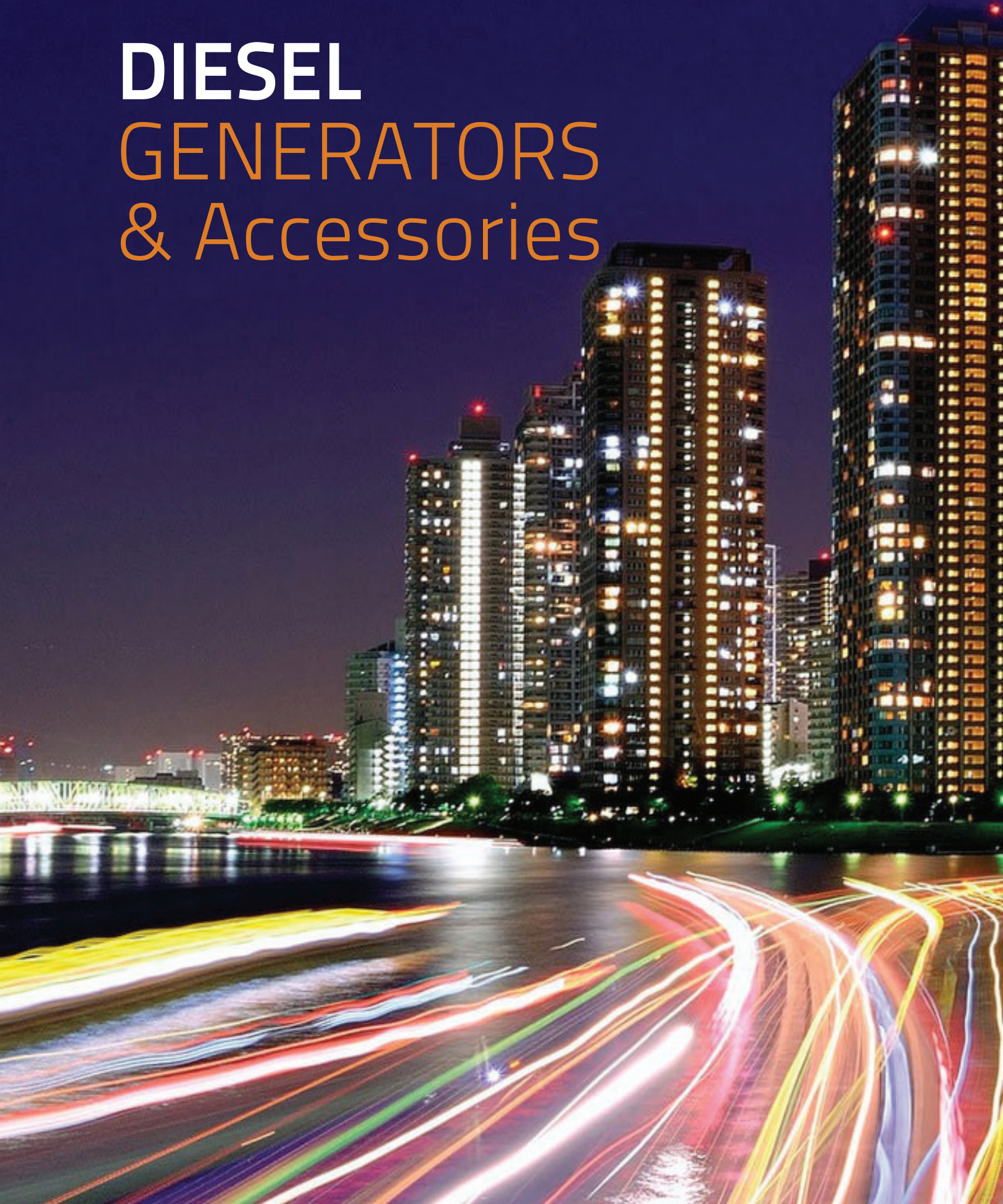


INFINITYPOWER

DIESEL GENERATORS & Accessories



DIESEL GENERATORS & Accessories





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INFINITY POWER

Mission

Infinity Power was founded in 2016 aiming to become the number one power solution provider in the field. Infinity Power pledges to give the stakeholders a fulfilled experience with comfort, ease, and fast services. Hard working, and highly educated teams work in the company to manufacture, develop, improve, and to provide a full range of solutions and services to customers; furthermore, in Infinity Power the product lines range from: UPS, Generators, Invertors, Data Center infrastructure and Voltage Regulators. Lastly becoming a competitor in this field was only achieved through the high quality of the products available at compelling prices.

Vision

Infinity Power works hard to achieve its goal of becoming the best company in the power solution providing field. Moreover, in the future we aim to grow through investing in foreign markets, spreading our branches all around the globe, and through acquisitions. Infinity power aims to become a big international player in the global market.

Our Expertise

We are professional in Diesel Generators

Infinity Power Supplies Diesel Generators in the power range of 5kVA to 2250kVA; open type, soundproof type, super soundproof type, trailer type, containerized type diesel generator sets, ATS Panel, and Synchronizing Panels.

Our quality and performance are very high due to two main reasons: first, we have a great relationship with global and worldwide class engines and alternators manufactures such as; Cummins, Perkins, Deutz, Ricardo, Weichai, Shanghai engines and that of Stamford, Leroy Sommer, Marathon alternators, also our own made high quality Stamford technology generators. The second reason is: we pay special attention to our technology innovation and quality control. To ensure the quality of our products we highly invest in research and development, in order to stay on top, and to always keep up with the advancements of technology.

No Power Interruption

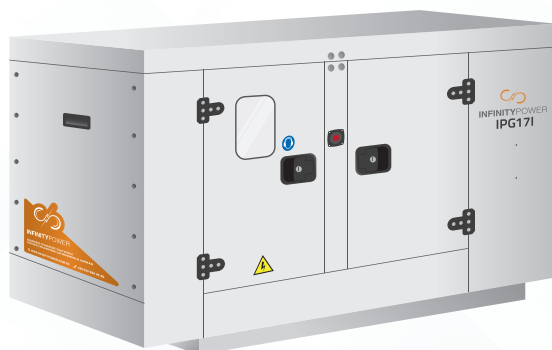
Infinity Power is also a leader of UPS manufacturing. Furthermore, we provide a very large scale of Line interactive UPS & DC UPS, small & medium power high frequency UPS, and high frequency and high-power UPS, their power ranges from 400VA to 1560kVA, we were able to provide more than one option of the technologies; Modular UPS: pay as you grow, Stand Alone, Tower, and Rack mountable.

We have professional international sales teams, whom are professionals in the generator set, and power quality fields. We also have a service team which is quite responsive in providing Before Services, Services during Sales and After sale Services. In recent years, to be compliant with the requirements of the environment protection, we have concentrated upon the technology innovation and attestation work. We are ISO 9001 and ISO 14001 CE, CCS, CCC certificated.

We warmly welcome anyone who wants to join this commercial infrastructure, and would love to build strategic business relationships with partners who share our visions and values.

We warmly welcome your joining with us and hope that will bring mutual benefit to both parties in near future.

INFINITY 17-33 kVA Technical Specifications



ENGINE

- INFINITY series heavy duty diesel engine
- 4 cycle, water cooled, naturally aspirated
- Direct injection
- Mechanic / electronic governor system
- 12/24 volt self-starter and charger alternator
- Changeable air, fuel and oil filter
- Tropical type radiator
- Flexible fuel pipe
- Oil discharge valve and extension pipe
- Industrial type silencer, exhaust spiral or compensator
- Maintenance free battery
- Engine block water heater (in automatic models)
- Diesel gen-set maintenance and operating instructions and electrical circuit diagram

QUALITY STANDARD

Our gen-sets; VDE 0530, BS 4999, BS 5000, IEC 34, TS ISO 8528, TS EN 12601 are manufactured in accordance with the requirements of standards above. Our company fulfills ISO 9001:2008, ISO 14001:2004, OHSAS 18001:2007 management system requirements, and have the accredited certificates of Kiwa & MEYER. Also we've GOST-R certificate. Our gen-sets have TS ISO 8528-5, TS EN 12601 product standard certificates. Our gen-sets are CE certified in accordance with the requirements of 2000/14/EC, noise emission directive.

ALTERNATOR

- INFINITY brushless 12 ends alternator
- Single bearing, flexible disc 4 poles alternator for harmonic failure
- H type isolation class
- IP 21-23 protection class, Self-excited
- Electronic automatic voltage regulator
- Stator 2/3 step for harmonic failure
- Leroy Somer, Stamford, SINCRO and Mecc Alte alternators are optional

OPTIONS TO ADD

- Charge ammeter
- Molded case circuit breaker (in automatic models)
- Hospital (critical) type silencer
- Sound-proof canopy
- Mobile - trailer
- Synchronization control panel for 2-6 gensets.
- 4 pole automatic transfer panel (A.T.S.)
- Fuel and oil heater
- Alternator heater
- Automatic fuel filling system
- Fuel-water separator filter

CANOPY

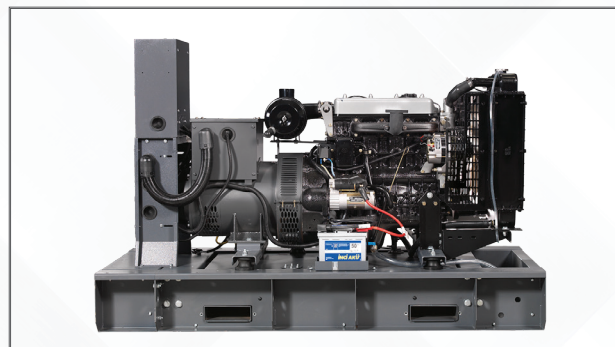
- Modular type sound-proof canopy
- Canopy installation executed with screw and nut, without welding process
- Epoxy and polyester powder painted canopy
- Canopy designed for easy maintenance
- Lockable doors on both sides of canopy
- Emergency stop button
- Transparent panel inspection window

AUTOMATIC CONTROL PANEL

- LCD display screen
- Battery charger
- Hardware and materials needed
- USB port & RS-485 output
- Deepsea Controllers & Sync Are Optional

GEN-SET SAFETY PROTECTION & ALARMS

- High water temperature
- Low oil pressure
- High & low engine speed
- Low radiator water level
- Over current load
- High & low genset voltage
- Start/stop failure



INFINITY Series Diesel Generator Sets 17-33 kVA

MODEL				IPG17i	IPG22i	IPG33i
GROUP	GEN - SET POWER	STAND BY	kVA	17	22	33
			kW	13,6	17,6	26
		PRIME	kVA	15,45	20	30
			kW	12,4	16,0	24
	CANOPY DIMENSION (W x L x H) mm			850 x 1880 x 1130	950 x 1900 x 1130	950 x 2150 x 1230
	CANOPY WEIGHT kg			760	800	830
	OPEN DIMENSION (W x L x H) mm			750 x 1400 x 1000	750 x 1400 x 1000	800 x 1700 x 1150
	OPEN WEIGHT kg			530	550	600
ENGINE	BRAND			INFINITY	INFINITY	INFINITY
	TYPE			M4D18	M4D22	K4100DS
	POWER	STAND BY	kW	17	21	29
		PRIME	kW	14	19	26
	SPEED (rpm)			1500	1500	1500
	CYCLE			4	4	4
	DISPLACEMENT (lt)			1,806	1,806	3,61
	NUMBER OF CYLINDERS			4 IN LINE	4 IN LINE	4 IN LINE
	BORE AND STROKE (mm x mm)			80 x 90	85 x 90	100 x 115
	COMPRESSION RATIO			22:1	18:1	18:1
	GOVERNOR TYPE			MECHANIC/ELECTRONIC		
	INDUCTION			NATURALI		
	COMBUSTION SYSTEM			DIRECT INJECTION		
	COOLING SYSTEM			WATER		
	FUEL CONSUMPTION (lt/h)	100% OF PRIME POWER		4,72	5,62	7,55
		75% OF PRIME POWER		3,54	4,22	5,66
		50% OF PRIME POWER		2,36	2,81	3,77
	TOTAL LUBRICATION SYSTEM CAPACITY (lt)			6,70	6,70	13
	COOLANT CAPACITY (L)			10	10	15
	FUEL TANK CAPACITY 8H			92	100	132

INFINITYPOWER reserves the right to make changes in model, technical specifications, color, equipment & accessories without prior notice.

INFINITY 55-100 kVA Technical Specifications



ENGINE

- INFINITY series heavy duty diesel engine
- 4 cycle, water cooled, turbocharged/ turbocharged air to air
- Direct injection
- Mechanic / electronic governor system
- 12/24 volt self-starter and charger alternator
- Changeable air, fuel and oil filter
- Tropical type radiator
- Flexible fuel pipe
- Oil discharge valve and extension pipe
- Industrial type silencer, exhaust spiral or compensator
- Maintenance free battery
- Engine block water heater (in automatic models)
- Diesel gen-set maintenance and operating instructions and electrical circuit diagram

QUALITY STANDARD

Our gen-sets; VDE 0530, BS 4999, BS 5000, IEC 34, TS ISO 8528, TS EN 12601 are manufactured in accordance with the requirements of standards above. Our company fulfills ISO 9001:2008, ISO 14001:2004, OHSAS 18001:2007 management system requirements, and have the accredited certificates of Kiwa & MEYER. Also we've GOST-R certificate. Our gen-sets have TS ISO 8528-5, TS EN 12601 product standard certificates. Our gen-sets are CE certified in accordance with the requirements of 2000/14/EC, noise emission directive.

ALTERNATOR

- INFINITY brushless 12 ends alternator
- Single bearing, flexible disc 4 poles alternator for harmonic failure
- H type isolation class
- IP 21-23 protection class, Self-excited
- Electronic automatic voltage regulator
- Stator 2/3 step for harmonic failure
- Leroy Somer, Stamford, SINCRO and Mecc Alte alternators are optional

OPTIONS TO ADD

- Charge ammeter
- Molded case circuit breaker (in automatic models)
- Hospital (critical) type silencer
- Sound-proof canopy
- Mobile - trailer
- Synchronization control panel for 2-6 gensets.
- 4 pole automatic transfer panel (A.T.S.)
- Fuel and oil heater
- Alternator heater
- Automatic fuel filling system
- Fuel-water separator filter

CANOPY

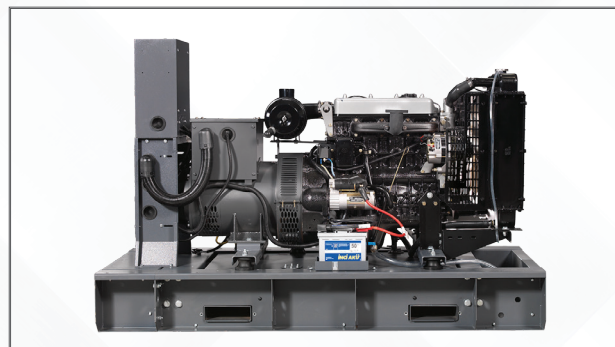
- Modular type sound-proof canopy
- Canopy installation executed with screw and nut, without welding process
- Epoxy and polyester powder painted canopy
- Canopy designed for easy maintenance
- Lockable doors on both sides of canopy
- Emergency stop button
- Transparent panel inspection window

AUTOMATIC CONTROL PANEL

- LCD display screen
- Battery charger
- Hardware and materials needed
- USB port & RS-485 output
- Deepsea Controllers & Sync Are Optional

GEN-SET SAFETY PROTECTION & ALARMS

- High water temperature
- Low oil pressure
- High & low engine speed
- Low radiator water level
- Over current load
- High & low genset voltage
- Start/stop failure



INFINITY Series Diesel Generator Sets 55-100 kVA

MODEL				IPG55i	IPG70i	IPG88i	IPG100i
GROUP	GEN - SET POWER	STAND BY	kVA	55	70	88	100
			kW	44	56	70	80
		PRIME	kVA	50	63	80	90
			kW	40	50	64	72
	CANOPY DIMENSION (W x L x H) mm			950 x 2220 x 1230	1030 x 2470 x 1250	1080 x 2950 x 1250	1080 x 2950 x 1250
	CANOPY WEIGHT kg			1230	1230	1950	1950
	OPEN DIMENSION (W x L x H) mm			800 x 1900 x 1200	800 x 1900 x 1200	900 x 2200 x 1450	900 x 2200 x 1450
	OPEN WEIGHT kg			1035	1035	1400	1400
ENGINE	BRAND			INFINITY	INFINITY	INFINITY	INFINITY
	TYPE			N4105ZD	N4105ZLD	R6105ZDS	R6105ZDS
	POWER	STAND BY	kW	60	70	90	90
		PRIME	kW	55	62	81	81
	SPEED (rpm)			1500	1500	1500	1500
	CYCLE			4	4	4	4
	DISPLACEMENT (lt)			4,33	4,15	6,49	6,49
	NUMBER OF CYLINDERS			4 IN LINE	4 IN LINE	6 IN LINE	6 IN LINE
	BORE AND STROKE (mm x mm)			105 x 125	105 x 125	105 x 125	105 x 125
	COMPRESSION RATIO			19:1	19:1	16:1	16:1
	GOVERNOR TYPE			MECHANIC / ELECTRONIC			
	INDUCTION			TURBOCHARGED	TURBO & INTERCOOLER	TURBOCHARGED	
	COMBUSTION SYSTEM			DIRECT INJECTION			
	COOLING SYSTEM			WATER			
	FUEL CONSUMPTION (lt/h)	100% OF PRIME POWER		12,6	14,7	18	23
		75% OF PRIME POWER		9,4	11,7	13,2	17
		50% OF PRIME POWER		6	7	9,66	11,5
	TOTAL LUBRICATION SYSTEM CAPACITY (lt)			13	13	17	17
	COOLANT CAPACITY (L)			25	25	25	40
	FUEL TANK CAPACITY 8H			180	180	180	280

INFINITYPOWER reserves the right to make changes in model, technical specifications, color, equipment & accessories without prior notice.

INFINITY 125-275 kVA Technical Specifications



ENGINE

- INFINITY series heavy duty diesel engine
- 4 cycle, water cooled, turbocharged air to air charge cooled
- Direct injection
- Mechanic / electronic governor system
- 12/24 volt self-starter and charger alternator
- Changeable air, fuel and oil filter
- Tropical type radiator
- Flexible fuel pipe
- Oil discharge valve and extension pipe
- Industrial type silencer, exhaust spiral or compensator
- Maintenance free battery
- Engine block water heater (in automatic models)
- Diesel gen-set maintenance and operating instructions and electrical circuit diagram

QUALITY STANDARD

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ALTERNATOR

- INFINITY brushless 12 ends alternator
- Single bearing, flexible disc 4 poles alternator for harmonic failure
- H type isolation class
- IP 21-23 protection class, Self-excited
- Electronic automatic voltage regulator
- Stator 2/3 step for harmonic failure
- Leroy Somer, Stamford, SINCRO and Mecc Alte alternators are optional

OPTIONS TO ADD

- Charge ammeter
- Molded case circuit breaker (in automatic models)
- Hospital (critical) type silencer
- Sound-proof canopy
- Mobile - trailer
- Synchronization control panel for 2-6 gensets.
- 4 pole automatic transfer panel (A.T.S.)
- Fuel and oil heater
- Alternator heater
- Automatic fuel filling system
- Fuel-water separator filter

CANOPY

- Modular type sound-proof canopy
- Canopy installation executed with screw and nut, without welding process
- Epoxy and polyester powder painted canopy
- Canopy designed for easy maintenance
- Lockable doors on both sides of canopy
- Emergency stop button
- Transparent panel inspection window

AUTOMATIC CONTROL PANEL

- LCD display screen
- Battery charger
- Hardware and materials needed
- USB port & RS-485 output
- Deepsea Controllers & Sync Are Optional

GEN-SET SAFETY PROTECTION & ALARMS

- High water temperature
- Low oil pressure
- High & low engine speed
- Low radiator water level
- Over current load
- High & low genset voltage
- Start/stop failure



INFINITY Series Diesel Generator Sets 125-275 kVA

MODEL				IPG125i	IPG165i	IPG200i	IPG275i
GROUP	GEN - SET POWER	STAND BY	kVA	125	165	200	275
			kW	100	132	160	220
		PRIME	kVA	113	150	180	250
			kW	91	120	144	200
	CANOPY DIMENSION (W x L x H) mm			1080 x 2950 x 1600	1130 x 3200 x 1750	1130 x 3200 x 1750	1350 x 3880 x 1950
	CANOPY WEIGHT kg			2150	2150	2250	2820
	OPEN DIMENSION (W x L x H) mm			900 x 2250 x 1450	900 x 2400 x 1450	1020 x 2450 x 1550	1020 x 2850 x 1600
	OPEN WEIGHT kg			1600	1600	1680	1800
ENGINE	BRAND			INFINITY	INFINITY	INFINITY	INFINITY
	TYPE			R6105ZLDS	R6105BZLDS	R6110ZLDS	6126A-260DE
	POWER	STAND BY	kW	125	148	180	275
		PRIME	kW	113	134	165	250
	SPEED (rpm)			1500	1500	1500	1500
	CYCLE			4	4	4	4
	DISPLACEMENT (lt)			6,49	7	7	10
	NUMBER OF CYLINDERS			6 IN LINE	6 IN LINE	6 IN LINE	6 IN LINE
	BORE AND STROKE (mm x mm)			105 x 125	105 x 125	110 x 125	126 x 135
	COMPRESSION RATIO			16:1	16:1	16:1	18:1
	GOVERNOR TYPE			MECHANIC / ELECTRONIC			
	INDUCTION			TURBOCHARGED - AIR TO AIR CHARGE COOLED			
	COMBUSTION SYSTEM			DIRECT INJECTION			
	COOLING SYSTEM			WATER			
	FUEL CONSUMPTION (lt/h)	100% OF PRIME POWER		26	34	42	64
		75% OF PRIME POWER		19,6	26	31	48
		50% OF PRIME POWER		13	17	21	32
	TOTAL LUBRICATION SYSTEM CAPACITY (lt)			17	19	25	28
	COOLANT CAPACITY (L)			40	40	40	40
	FUEL TANK CAPACITY 8H			280	280	380	380

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INFINITY 385-500 kVA Technical Specifications



ENGINE

- INFINITY series heavy duty diesel engine
- 4 cycle, water cooled, turbocharged air to air charge cooled
- Direct injection
- Mechanic / electronic governor system
- 12/24 volt self-starter and charger alternator
- Changeable air, fuel and oil filter
- Tropical type radiator
- Flexible fuel pipe
- Oil discharge valve and extension pipe
- Industrial type silencer, exhaust spiral or compensator
- Maintenance free battery
- Engine block water heater (in automatic models)
- Diesel gen-set maintenance and operating instructions and electrical circuit diagram

QUALITY STANDARD

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ALTERNATOR

- INFINITY brushless 12 ends alternator
- Single bearing, flexible disc 4 poles alternator for harmonic failure
- H type isolation class
- IP 21-23 protection class, Self-excited
- Electronic automatic voltage regulator
- Stator 2/3 step for harmonic failure
- Leroy Somer, Stamford, SINCRO and Mecc Alte alternators are optional

OPTIONS TO ADD

- Charge ammeter
- Molded case circuit breaker (in automatic models)
- Hospital (critical) type silencer
- Sound-proof canopy
- Mobile - trailer
- Synchronization control panel for 2-6 gensets.
- 4 pole automatic transfer panel (A.T.S.)
- Fuel and oil heater
- Alternator heater
- Automatic fuel filling system
- Fuel-water separator filter

CANOPY

- Modular type sound-proof canopy
- Canopy installation executed with screw and nut, without welding process
- Epoxy and polyester powder painted canopy
- Canopy designed for easy maintenance
- Lockable doors on both sides of canopy
- Emergency stop button
- Transparent panel inspection window

AUTOMATIC CONTROL PANEL

- LCD display screen
- Battery charger
- Hardware and materials needed
- USB port & RS-485 output
- Deepsea Controllers & Sync Are Optional

GEN-SET SAFETY PROTECTION & ALARMS

- High water temperature
- Low oil pressure
- High & low engine speed
- Low radiator water level
- Over current load
- High & low genset voltage
- Start/stop failure

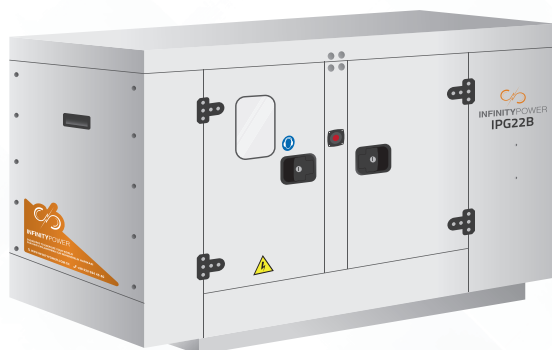


INFINITY Series Diesel Generator Sets 385-500 kVA

MODEL				IPG385i	IPG440i	IPG500i
GROUP	GEN - SET POWER	STAND BY	kVA	385	440	500
			kW	308	352	396
		PRIME	kVA	350	400	450
			kW	280	320	360
	CANOPY DIMENSION (W x L x H) mm			1300 x 4200 x 1700	1300 x 4200 x 1700	1300 x 4200 x 1700
	CANOPY WEIGHT kg			3900	3900	3900
	OPEN DIMENSION (W x L x H) mm			2550 x 900 x 1600	2550 x 900 x 1650	2550 x 900 x 1650
	OPEN WEIGHT kg			3100	3100	3100
ENGINE	BRAND			INFINITY	INFINITY	INFINITY
	TYPE			6D12D355A	WT13-360DE	WT13A-390DE
	POWER	STAND BY	kW	308	352	396
		PRIME	kW	280	320	360
	SPEED (rpm)			1500	1500	1500
	CYCLE			4	4	4
	DISPLACEMENT (lt)			13	13	13
	NUMBER OF CYLINDERS			6 IN LINE	6 IN LINE	6 IN LINE
	BORE AND STROKE (mm x mm)			126 x 106	126 x 106	126 x 160
	COMPRESSION RATIO			16:1	16:1	16:1
	GOVERNOR TYPE			MECHANIC / ELECTRONIC		
	INDUCTION			TURBOCHARGED - AIR TO AIR CHARGE COOLED		
	COMBUSTION SYSTEM			DIRECT INJECTION		
	COOLING SYSTEM			WATER		
	FUEL CONSUMPTION (lt/h)	100% OF PRIME POWER		85	97	110
		75% OF PRIME POWER		65	73	82
		50% OF PRIME POWER		47	48	55
	TOTAL LUBRICATION SYSTEM CAPACITY (lt)			27	52	55
	COOLANT CAPACITY (L)			56	61	87
	FUEL TANK CAPACITY 8H			460	700	800

INFINITYPOWER reserves the right to make changes in model, technical specifications, color, equipment & accessories without prior notice.

BAUDOUIN 22-44 kVA Technical Specifications



ENGINE

- BAUDOUIN series heavy duty diesel engine
- 4 cycle, water cooled, naturally aspirated
- Direct injection
- Mechanic / electronic governor system
- 12/24 volt self-starter and charger alternator
- Changeable air, fuel and oil filter
- Tropical type radiator
- Flexible fuel pipe
- Oil discharge valve and extension pipe
- Industrial type silencer, exhaust spiral or compensator
- Maintenance free battery
- Engine block water heater (in automatic models)
- Diesel gen-set maintenance and operating instructions and electrical circuit diagram

QUALITY STANDARD

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ALTERNATOR

- INFINITY brushless 12 ends alternator
- Single bearing, flexible disc 4 poles alternator for harmonic failure
- H type isolation class
- IP 21-23 protection class, Self-excited
- Electronic automatic voltage regulator
- Stator 2/3 step for harmonic failure
- Leroy Somer, Stamford, SINCRO and Mecc Alte alternators are optional

OPTIONS TO ADD

- Charge ammeter
- Molded case circuit breaker (in automatic models)
- Hospital (critical) type silencer
- Sound-proof canopy
- Mobile - trailer
- Synchronization control panel for 2-6 gensets.
- 4 pole automatic transfer panel (A.T.S.)
- Fuel and oil heater
- Alternator heater
- Automatic fuel filling system
- Fuel-water separator filter

CANOPY

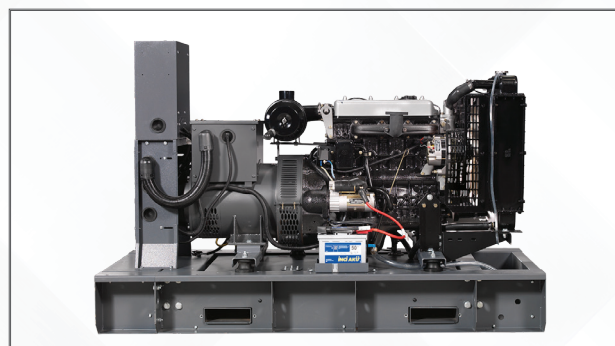
- Modular type sound-proof canopy
- Canopy installation executed with screw and nut, without welding process
- Epoxy and polyester powder painted canopy
- Canopy designed for easy maintenance
- Lockable doors on both sides of canopy
- Emergency stop button
- Transparent panel inspection window

AUTOMATIC CONTROL PANEL

- LCD display screen
- Battery charger
- Hardware and materials needed
- USB port & RS-485 output
- Deepsea Controllers & Sync Are Optional

GEN-SET SAFETY PROTECTION & ALARMS

- High water temperature
- Low oil pressure
- High & low engine speed
- Low radiator water level
- Over current load
- High & low genset voltage
- Start/stop failure

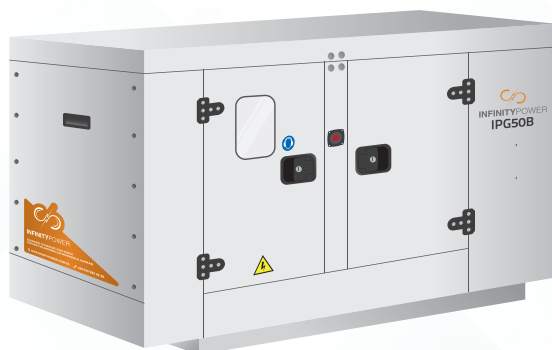


BAUDOUIN Series Diesel Generator Sets 22-44 kVA

MODEL				IPG22B	IPG27B	IPG35B	IPG44B
GROUP	GEN - SET POWER	STAND BY	kVA	22	27	35	44
			kW	18	22	28	35
		PRIME	kVA	20	25	32	40
			kW	16	20	25.6	32
	CANOPY DIMENSION (W x L x H) mm			950 x 1950 x 1337	950 x 1950 x 1337	1000 x 2300 x 1545	1000 x 2300 x 1545
	CANOPY WEIGHT kg			693,8	717,8	826	846
	OPEN DIMENSION (W x L x H) mm			900x1600x1145	900x1600x1215	1000x1900x1215	1000x1900x1215
	OPEN WEIGHT kg			509	533	616	636
ENGINE	BRAND			BAUDOUIN	BAUDOUIN	BAUDOUIN	BAUDOUIN
	TYPE			4M06G20/5	4M06G25/5	4M06G35/5	4M06G44/5
	POWER	STAND BY	kW	18	22	28	35
		PRIME	kW	16	20	26	32
	SPEED (rpm)			1500.00	1500.00	1500.00	1500.00
	CYCLE			4	4	4	4
	DISPLACEMENT (lt)			2,3	2,3	2,3	2,3
	NUMBER OF CYLINDERS			4 IN LINE	4 IN LINE	4 IN LINE	4 IN LINE
	BORE AND STROKE (mm x mm)			89x92	89x92	89x92	89x92
	COMPRESSION RATIO			17,5:1	17,5:1	17,5:1	17,5:1
	GOVERNOR TYPE			MECHANIC/ELECTRONIC			
	INDUCTION			NATURAL			
	COMBUSTION SYSTEM			DIRECT			
	COOLING SYSTEM			WATER			
	FUEL CONSUMPTION (lt/h)	100% OF PRIME POWER		4,7	6,1	7,6	9,5
		75% OF PRIME POWER		3,6	4,5	5,7	7
		50% OF PRIME POWER		2,6	3,2	4	4,7
	TOTAL LUBRICATION SYSTEM CAPACITY (lt)			8.6	8.6	9,4	9,4

INFINITYPOWER reserves the right to make changes in model, technical specifications, color, equipment & accessories without prior notice.

BAUDOUIN 50-88 kVA Technical Specifications



ENGINE

- BAUDOUIN series heavy duty diesel engine
- 4 cycle, water cooled, naturally aspirated
- Direct injection
- Mechanic / electronic governor system
- 12/24 volt self-starter and charger alternator
- Changeable air, fuel and oil filter
- Tropical type radiator
- Flexible fuel pipe
- Oil discharge valve and extension pipe
- Industrial type silencer, exhaust spiral or compensator
- Maintenance free battery
- Engine block water heater (in automatic models)
- Diesel gen-set maintenance and operating instructions and electrical circuit diagram

QUALITY STANDARD

Our gen-sets; VDE 0530, BS 4999, BS 5000, IEC 34, TS ISO 8528, TS EN 12601 are manufactured in accordance with the requirements of standards above. Our company fulfills ISO 9001:2008, ISO 14001:2004, OHSAS 18001:2007 management system requirements, and have the accredited certificates of Kiwa & MEYER. Also we've GOST-R certificate. Our gen-sets have TS ISO 8528-5, TS EN 12601 product standard certificates. Our gen-sets are CE certified in accordance with the requirements of 2000/14/EC, noise emission directive.

ALTERNATOR

- INFINITY brushless 12 ends alternator
- Single bearing, flexible disc 4 poles alternator for harmonic failure
- H type isolation class
- IP 21-23 protection class, Self-excited
- Electronic automatic voltage regulator
- Stator 2/3 step for harmonic failure
- Leroy Somer, Stamford, SINCRO and Mecc Alte alternators are optional

OPTIONS TO ADD

- Charge ammeter
- Molded case circuit breaker (in automatic models)
- Hospital (critical) type silencer
- Sound-proof canopy
- Mobile - trailer
- Synchronization control panel for 2-6 gensets.
- 4 pole automatic transfer panel (A.T.S.)
- Fuel and oil heater
- Alternator heater
- Automatic fuel filling system
- Fuel-water separator filter

CANOPY

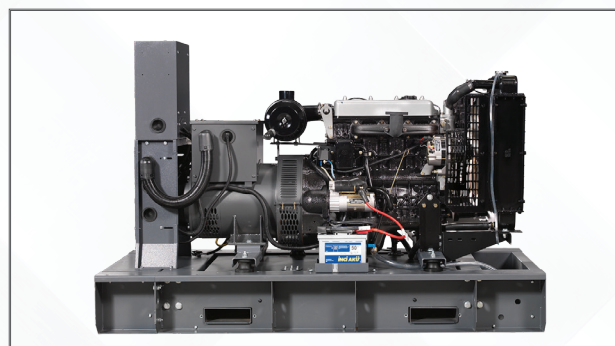
- Modular type sound-proof canopy
- Canopy installation executed with screw and nut, without welding process
- Epoxy and polyester powder painted canopy
- Canopy designed for easy maintenance
- Lockable doors on both sides of canopy
- Emergency stop button
- Transparent panel inspection window

AUTOMATIC CONTROL PANEL

- LCD display screen
- Battery charger
- Hardware and materials needed
- USB port & RS-485 output
- Deepsea Controllers & Sync Are Optional

GEN-SET SAFETY PROTECTION & ALARMS

- High water temperature
- Low oil pressure
- High & low engine speed
- Low radiator water level
- Over current load
- High & low genset voltage
- Start/stop failure

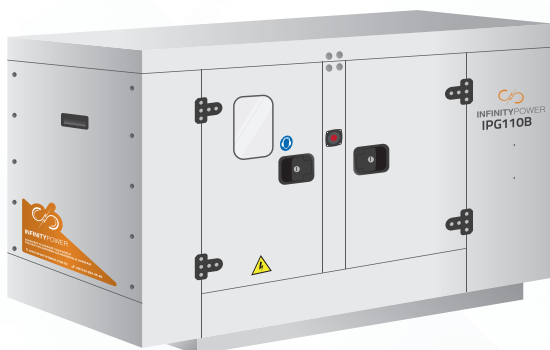


BAUDOUIN Series Diesel Generator Sets 50-88 kVA

MODEL				IPG50B	IPG55B	IPG70B	IPG88B
GROUP	GEN - SET POWER	STAND BY	kVA	50	55	70	88
			kW	40	44	56	70
		PRIME	kVA	45	50	65	80
			kW	36	40	52	64
	CANOPY DIMENSION (W x L x H) mm			1000 x 2300 x 1545	1000 x 2300 x 1545	1000x2600x1535	1000x2600x1535
	CANOPY WEIGHT kg			871	927	1272,4	1415,4
	OPEN DIMENSION (W x L x H) mm			1000x1900x1215	1000x1900x1215	1000x2200x1476	1000x2200x1476
	OPEN WEIGHT kg			661	717	1036	1179
ENGINE	BRAND			BAUDOUIN	BAUDOUIN	BAUDOUIN	BAUDOUIN
	TYPE			4M06G50/5	4M06G55/5	4M10G70/5	4M10G88/5
	POWER	STAND BY	kW	40	44	56	88
		PRIME	kW	36	40	52	80
	SPEED (rpm)			1500.00	1500.00	1500.00	1500.00
	CYCLE			4	4	4	4
	DISPLACEMENT (lt)			2,3	2,3	4,087	4,087
	NUMBER OF CYLINDERS			4 IN LINE	4 IN LINE	4 IN LINE	4 IN LINE
	BORE AND STROKE (mm x mm)			89x92	89x92	105x118	105x118
	COMPRESSION RATIO			17,5:1	17,5:1	17,5:1	17,5:1
	GOVERNOR TYPE			MECHANIC/ELECTRONIC			
	INDUCTION			TURBOCHARGED - AFTERCOOLER			
	COMBUSTION SYSTEM			DIRECT			
	COOLING SYSTEM			WATER			
	FUEL CONSUMPTION (lt/h)	100% OF PRIME POWER		10,7	11,9	15	18,8
		75% OF PRIME POWER		8	8,9	11,1	13,5
		50% OF PRIME POWER		5,4	6	7,7	9,1
	TOTAL LUBRICATION SYSTEM CAPACITY (lt)			8,4	8,4	17,9	17,9

INFINITYPOWER reserves the right to make changes in model, technical specifications, color, equipment & accessories without prior notice.

BAUDOUIN 110-220 kVA Technical Specifications



ENGINE

- BAUDOUIN series heavy duty diesel engine
- 4 cycle, water cooled, naturally aspirated
- Direct injection
- Mechanic / electronic governor system
- 12/24 volt self-starter and charger alternator
- Changeable air, fuel and oil filter
- Tropical type radiator
- Flexible fuel pipe
- Oil discharge valve and extension pipe
- Industrial type silencer, exhaust spiral or compensator
- Maintenance free battery
- Engine block water heater (in automatic models)
- Diesel gen-set maintenance and operating instructions and electrical circuit diagram

QUALITY STANDARD

Our gen-sets; VDE 0530, BS 4999, BS 5000, IEC 34, TS ISO 8528, TS EN 12601 are manufactured in accordance with the requirements of standards above. Our company fulfills ISO 9001:2008, ISO 14001:2004, OHSAS 18001:2007 management system requirements, and have the accredited certificates of Kiwa & MEYER. Also we've GOST-R certificate. Our gen-sets have TS ISO 8528-5, TS EN 12601 product standard certificates. Our gen-sets are CE certified in accordance with the requirements of 2000/14/EC, noise emission directive.

ALTERNATOR

- INFINITY brushless 12 ends alternator
- Single bearing, flexible disc 4 poles alternator for harmonic failure
- H type isolation class
- IP 21-23 protection class, Self-excited
- Electronic automatic voltage regulator
- Stator 2/3 step for harmonic failure
- Leroy Somer, Stamford, SINCRO and Mecc Alte alternators are optional

OPTIONS TO ADD

- Charge ammeter
- Molded case circuit breaker (in automatic models)
- Hospital (critical) type silencer
- Sound-proof canopy
- Mobile - trailer
- Synchronization control panel for 2-6 gensets.
- 4 pole automatic transfer panel (A.T.S.)
- Fuel and oil heater
- Alternator heater
- Automatic fuel filling system
- Fuel-water separator filter

CANOPY

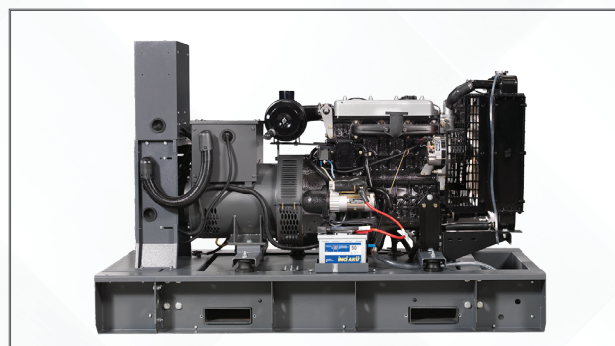
- Modular type sound-proof canopy
- Canopy installation executed with screw and nut, without welding process
- Epoxy and polyester powder painted canopy
- Canopy designed for easy maintenance
- Lockable doors on both sides of canopy
- Emergency stop button
- Transparent panel inspection window

AUTOMATIC CONTROL PANEL

- LCD display screen
- Battery charger
- Hardware and materials needed
- USB port & RS-485 output
- Deepsea Controllers & Sync Are Optional

GEN-SET SAFETY PROTECTION & ALARMS

- High water temperature
- Low oil pressure
- High & low engine speed
- Low radiator water level
- Over current load
- High & low genset voltage
- Start/stop failure

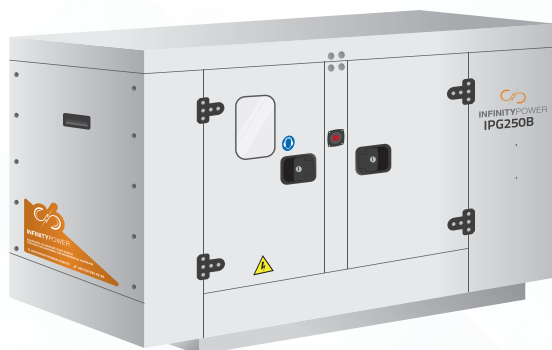


BAUDOUIN Series Diesel Generator Sets 110-220 kVA

MODEL				IPG110B	IPG150B	IPG165B	IPG220B
GROUP	GEN - SET POWER	STAND BY	kVA	110	150	165	220
			kW	88	120	132	176
		PRIME	kVA	100	135	150	200
			kW	80	108	120	160
	CANOPY DIMENSION (W x L x H) mm			1000x2600x1535	1100x3220x1845	1100x3220x1845	1200x3600x2480
	CANOPY WEIGHT kg			1415,4	1806	1844	2452,6
	OPEN DIMENSION (W x L x H) mm			1000x2200x1476	1100x2550x1635	1100x2550x1635	1200x2850x1850
	OPEN WEIGHT kg			1179	1500	1538	2071
ENGINE	BRAND			BAUDOUIN	BAUDOUIN	BAUDOUIN	BAUDOUIN
	TYPE			4M10G110/5	6M11G150/5	6M11G165/5	6M16G220/5
	POWER	STAND BY	kW	40	44	56	88
		PRIME	kW	36	40	52	80
	SPEED (rpm)			1500.00	1500.00	1500.00	1500.00
	CYCLE			4	4	4	4
	DISPLACEMENT (lt)			4,5	6,75	6,75	9,726
	NUMBER OF CYLINDERS			4 IN LINE	6 IN LINE	6 IN LINE	6 IN LINE
	BORE AND STROKE (mm x mm)			105x130	105x130	105x130	126x130
	COMPRESSION RATIO			18:01	18:01	18:01	17:01
	GOVERNOR TYPE			MECHANIC/ELECTRONIC			
	INDUCTION			TURBOCHARGED - INTERCOOLER			
	COMBUSTION SYSTEM			DIRECT			
	COOLING SYSTEM			WATER			
	FUEL CONSUMPTION (lt/h)	100% OF PRIME POWER		23,2	30,2	32,6	32,6
		75% OF PRIME POWER		17,4	23	24,6	32,4
		50% OF PRIME POWER		11,9	15,9	16,7	22,4
	TOTAL LUBRICATION SYSTEM CAPACITY (lt)			13,3	21	21	35

INFINITYPOWER reserves the right to make changes in model, technical specifications, color, equipment & accessories without prior notice.

BAUDOUIN 250-350 kVA Technical Specifications



ENGINE

- BAUDOUIN series heavy duty diesel engine
- 4 cycle, water cooled, naturally aspirated
- Direct injection
- Mechanic / electronic governor system
- 12/24 volt self-starter and charger alternator
- Changeable air, fuel and oil filter
- Tropical type radiator
- Flexible fuel pipe
- Oil discharge valve and extension pipe
- Industrial type silencer, exhaust spiral or compensator
- Maintenance free battery
- Engine block water heater (in automatic models)
- Diesel gen-set maintenance and operating instructions and electrical circuit diagram

QUALITY STANDARD

Our gen-sets; VDE 0530, BS 4999, BS 5000, IEC 34, TS ISO 8528, TS EN 12601 are manufactured in accordance with the requirements of standards above. Our company fulfills ISO 9001:2008, ISO 14001:2004, OHSAS 18001:2007 management system requirements, and have the accredited certificates of Kiwa & MEYER. Also we've GOST-R certificate. Our gen-sets have TS ISO 8528-5, TS EN 12601 product standard certificates. Our gen-sets are CE certified in accordance with the requirements of 2000/14/EC, noise emission directive.

ALTERNATOR

- INFINITY brushless 12 ends alternator
- Single bearing, flexible disc 4 poles alternator for harmonic failure
- H type isolation class
- IP 21-23 protection class, Self-excited
- Electronic automatic voltage regulator
- Stator 2/3 step for harmonic failure
- Leroy Somer, Stamford, SINCRO and Mecc Alte alternators are optional

OPTIONS TO ADD

- Charge ammeter
- Molded case circuit breaker (in automatic models)
- Hospital (critical) type silencer
- Sound-proof canopy
- Mobile - trailer
- Synchronization control panel for 2-6 gensets.
- 4 pole automatic transfer panel (A.T.S.)
- Fuel and oil heater
- Alternator heater
- Automatic fuel filling system
- Fuel-water separator filter

CANOPY

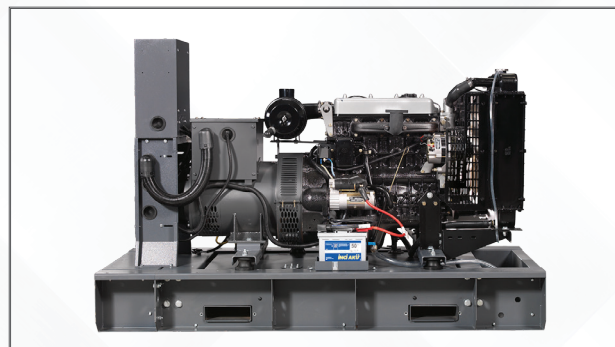
- Modular type sound-proof canopy
- Canopy installation executed with screw and nut, without welding process
- Epoxy and polyester powder painted canopy
- Canopy designed for easy maintenance
- Lockable doors on both sides of canopy
- Emergency stop button
- Transparent panel inspection window

AUTOMATIC CONTROL PANEL

- LCD display screen
- Battery charger
- Hardware and materials needed
- USB port & RS-485 output
- Deepsea Controllers & Sync Are Optional

GEN-SET SAFETY PROTECTION & ALARMS

- High water temperature
- Low oil pressure
- High & low engine speed
- Low radiator water level
- Over current load
- High & low genset voltage
- Start/stop failure

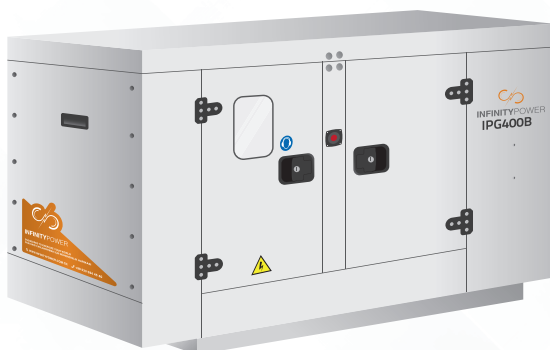


BAUDOUIN Series Diesel Generator Sets 250-350 kVA

MODEL				IPG250B	IPG275B	IPG320B	IPG350B
GROUP	GEN - SET POWER	STAND BY	kVA	250	275	320	350
			kW	200	220	256	280
		PRIME	kVA	230	250	288	320
			kW	184	200	230.4	256
	CANOPY DIMENSION (W x L x H) mm			1200x3600x2480	1200x3600x2480	1200x3600x2480	1400x3750x2646
	CANOPY WEIGHT kg			2553,6	2553,6	2766,6	3444
	OPEN DIMENSION (W x L x H) mm			1200x2850x1850	1200x2850x1850	1200x2850x1850	1400x3140x1900
	OPEN WEIGHT kg			2172	2172	2385	2904
ENGINE	BRAND			BAUDOUIN	BAUDOUIN	BAUDOUIN	BAUDOUIN
	TYPE			6M16G250/5	6M16G275/5	6M16G300/5	6M16G350/5
	POWER	STAND BY	kW	200	220	256	280
		PRIME	kW	184	200	231	256
	SPEED (rpm)			1500.00	1500.00	1500.00	1500.00
	CYCLE			4	4	4	4
	DISPLACEMENT (lt)			9,726	9,726	9,726	9,726
	NUMBER OF CYLINDERS			6 IN LINE	6 IN LINE	6 IN LINE	6 IN LINE
	BORE AND STROKE (mm x mm)			126x130	126x130	126x130	126x130
	COMPRESSION RATIO			17:01	17:01	17:01	17:01
	GOVERNOR TYPE			MECHANIC/ELECTRONIC			
	INDUCTION			TURBOCHARGED - AFTERCOOLER			
	COMBUSTION SYSTEM			DIRECT			
	COOLING SYSTEM			WATER			
	FUEL CONSUMPTION (lt/h)	100% OF PRIME POWER		50,9	56,9	58,8	70,5
		75% OF PRIME POWER		38	42,2	45,2	52,3
		50% OF PRIME POWER		25,8	28,3	32,6	35,4
	TOTAL LUBRICATION SYSTEM CAPACITY (lt)			35	35	35	44

INFINITYPOWER reserves the right to make changes in model, technical specifications, color, equipment & accessories without prior notice.

BAUDOUIN 400-550 kVA Technical Specifications



ENGINE

- BAUDOUIN series heavy duty diesel engine
- 4 cycle, water cooled, naturally aspirated
- Direct injection
- Mechanic / electronic governor system
- 12/24 volt self-starter and charger alternator
- Changeable air, fuel and oil filter
- Tropical type radiator
- Flexible fuel pipe
- Oil discharge valve and extension pipe
- Industrial type silencer, exhaust spiral or compensator
- Maintenance free battery
- Engine block water heater (in automatic models)
- Diesel gen-set maintenance and operating instructions and electrical circuit diagram

QUALITY STANDARD

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ALTERNATOR

- INFINITY brushless 12 ends alternator
- Single bearing, flexible disc 4 poles alternator for harmonic failure
- H type isolation class
- IP 21-23 protection class, Self-excited
- Electronic automatic voltage regulator
- Stator 2/3 step for harmonic failure
- Leroy Somer, Stamford, SINCRO and Mecc Alte alternators are optional

OPTIONS TO ADD

- Charge ammeter
- Molded case circuit breaker (in automatic models)
- Hospital (critical) type silencer
- Sound-proof canopy
- Mobile - trailer
- Synchronization control panel for 2-6 gensets.
- 4 pole automatic transfer panel (A.T.S.)
- Fuel and oil heater
- Alternator heater
- Automatic fuel filling system
- Fuel-water separator filter

CANOPY

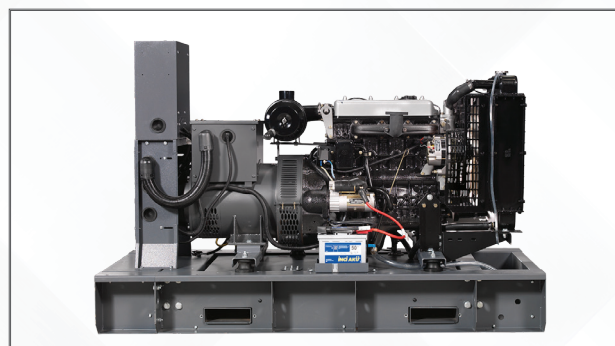
- Modular type sound-proof canopy
- Canopy installation executed with screw and nut, without welding process
- Epoxy and polyester powder painted canopy
- Canopy designed for easy maintenance
- Lockable doors on both sides of canopy
- Emergency stop button
- Transparent panel inspection window

AUTOMATIC CONTROL PANEL

- LCD display screen
- Battery charger
- Hardware and materials needed
- USB port & RS-485 output
- Deepsea Controllers & Sync Are Optional

GEN-SET SAFETY PROTECTION & ALARMS

- High water temperature
- Low oil pressure
- High & low engine speed
- Low radiator water level
- Over current load
- High & low genset voltage
- Start/stop failure

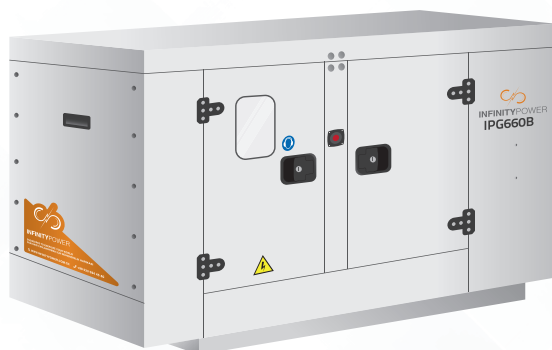


BAUDOUIN Series Diesel Generator Sets 400-550 kVA

MODEL				IPG400B	IPG440B	IPG500B	IPG550B
GROUP	GEN - SET POWER	STAND BY	kVA	400	440	500	550
			kW	320	352	400	440
		PRIME	kVA	365	400	450	500
			kW	292	320	360	400
	CANOPY DIMENSION (W x L x H) mm			1400x3750x2646	1400x3750x2646	1400x3750x2646	1400x3750x2646
	CANOPY WEIGHT kg			3569	3569	3569	5441,4
	OPEN DIMENSION (W x L x H) mm			1400x3140x1900	1400x3140x1900	1400x3140x1900	1400x3250x2100
	OPEN WEIGHT kg			3029	3029	3099	4593
ENGINE	BRAND			BAUDOUIN	BAUDOUIN	BAUDOUIN	BAUDOUIN
	TYPE			6M21G400/5	6M21G440/5	6M21G500/5	6M21G550/5
	POWER	STAND BY	kW	320	352	400	440
		PRIME	kW	292	320	360	400
	SPEED (rpm)			1500.00	1500.00	1500.00	1500.00
	CYCLE			4	4	4	4
	DISPLACEMENT (lt)			13	13	12,54	13
	NUMBER OF CYLINDERS			6 IN LINE	6 IN LINE	6 IN LINE	6 IN LINE
	BORE AND STROKE (mm x mm)			127x165	127x165	127x165	127x165
	COMPRESSION RATIO			16:01	16:01	16:01	152,2:1
	GOVERNOR TYPE			MECHANIC/ELECTRONIC			
	INDUCTION			TURBOCHARGED - AFTERCOOLER			
	COMBUSTION SYSTEM			DIRECT			
	COOLING SYSTEM			WATER			
	FUEL CONSUMPTION (lt/h)	100% OF PRIME POWER		82,1	85,5	95,9	109,5
		75% OF PRIME POWER		60,7	63,5	69,6	75,3
		50% OF PRIME POWER		41	43,2	46,6	51
	TOTAL LUBRICATION SYSTEM CAPACITY (lt)			47	47	47	62

INFINITYPOWER reserves the right to make changes in model, technical specifications, color, equipment & accessories without prior notice.

BAUDOUIN 660-825 kVA Technical Specifications



ENGINE

- BAUDOUIN series heavy duty diesel engine
- 4 cycle, water cooled, naturally aspirated
- Direct injection
- Mechanic / electronic governor system
- 12/24 volt self-starter and charger alternator
- Changeable air, fuel and oil filter
- Tropical type radiator
- Flexible fuel pipe
- Oil discharge valve and extension pipe
- Industrial type silencer, exhaust spiral or compensator
- Maintenance free battery
- Engine block water heater (in automatic models)
- Diesel gen-set maintenance and operating instructions and electrical circuit diagram

QUALITY STANDARD

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ALTERNATOR

- INFINITY brushless 12 ends alternator
- Single bearing, flexible disc 4 poles alternator for harmonic failure
- H type isolation class
- IP 21-23 protection class, Self-excited
- Electronic automatic voltage regulator
- Stator 2/3 step for harmonic failure
- Leroy Somer, Stamford, SINCRO and Mecc Alte alternators are optional

OPTIONS TO ADD

- Charge ammeter
- Molded case circuit breaker (in automatic models)
- Hospital (critical) type silencer
- Sound-proof canopy
- Mobile - trailer
- Synchronization control panel for 2-6 gensets.
- 4 pole automatic transfer panel (A.T.S.)
- Fuel and oil heater
- Alternator heater
- Automatic fuel filling system
- Fuel-water separator filter

CANOPY

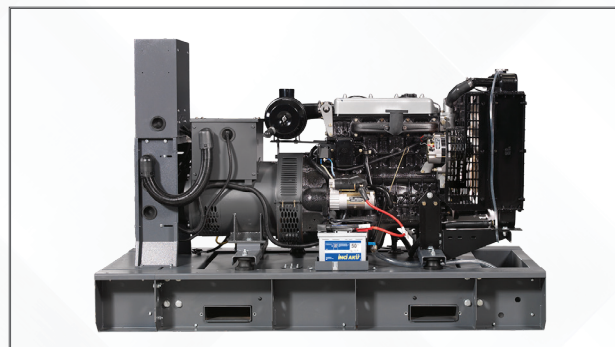
- Modular type sound-proof canopy
- Canopy installation executed with screw and nut, without welding process
- Epoxy and polyester powder painted canopy
- Canopy designed for easy maintenance
- Lockable doors on both sides of canopy
- Emergency stop button
- Transparent panel inspection window

AUTOMATIC CONTROL PANEL

- LCD display screen
- Battery charger
- Hardware and materials needed
- USB port & RS-485 output
- Deepsea Controllers & Sync Are Optional

GEN-SET SAFETY PROTECTION & ALARMS

- High water temperature
- Low oil pressure
- High & low engine speed
- Low radiator water level
- Over current load
- High & low genset voltage
- Start/stop failure

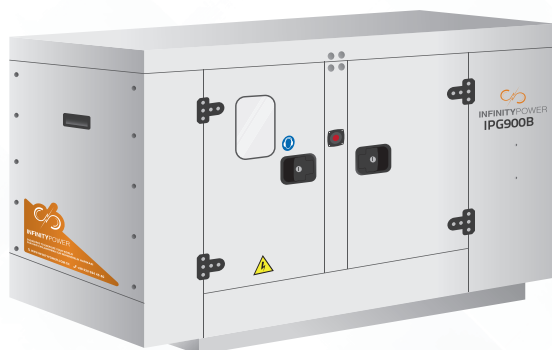


BAUDOUIN Series Diesel Generator Sets 660-825 kVA

MODEL				IPG660B	IPG715B	IPG750B	IPG825B
GROUP	GEN - SET POWER	STAND BY	kVA	660	715	750	825
			kW	528	572	600	660
		PRIME	kVA	600	650	680	750
			kW	480	520	544	600
	CANOPY DIMENSION (W x L x H) mm			1718x3700x2887	1618x4200x2810	1618x4200x2810	1618x4200x2810
	CANOPY WEIGHT kg			5062	5957,4	6277,4	6277,4
	OPEN DIMENSION (W x L x H) mm			1718x3500x2040	1500x3706x2090	1500x3706x2090	1500x3706x2090
	OPEN WEIGHT kg			4433	5169	5489	5489
ENGINE	BRAND			BAUDOUIN	BAUDOUIN	BAUDOUIN	BAUDOUIN
	TYPE			8M21G660/5	6M33G715/5	6M33G750/5	6M33G825/5
	POWER	STAND BY	kW	528	572	600	660
		PRIME	kW	480	520	544	600
	SPEED (rpm)			1500.00	1500.00	1500.00	1500.00
	CYCLE			4	4	4	4
	DISPLACEMENT (lt)			19,6	19,6	19,6	19,6
	NUMBER OF CYLINDERS			6 IN LINE	6 IN LINE	6 IN LINE	6 IN LINE
	BORE AND STROKE (mm x mm)			127x165	150x185	150x185	150x185
	COMPRESSION RATIO			15:01	15:01	15:01	15:01
	GOVERNOR TYPE			MECHANIC/ELECTRONIC			
	INDUCTION			TURBOCHARGED - AFTERCOOLER			
	COMBUSTION SYSTEM			DIRECT			
	COOLING SYSTEM			WATER			
	FUEL CONSUMPTION (lt/h)	100% OF PRIME POWER		124,2	136,3	151,1	159,5
		75% OF PRIME POWER		95,4	100	111,2	114,8
		50% OF PRIME POWER		64,7	67,1	75,5	77,4
	TOTAL LUBRICATION SYSTEM CAPACITY (lt)			101	159	159	159

INFINITYPOWER reserves the right to make changes in model, technical specifications, color, equipment & accessories without prior notice.

BAUDOUIN 900-1250 kVA Technical Specifications



ENGINE

- BAUDOUIN series heavy duty diesel engine
- 4 cycle, water cooled, naturally aspirated
- Direct injection
- Mechanic / electronic governor system
- 12/24 volt self-starter and charger alternator
- Changeable air, fuel and oil filter
- Tropical type radiator
- Flexible fuel pipe
- Oil discharge valve and extension pipe
- Industrial type silencer, exhaust spiral or compensator
- Maintenance free battery
- Engine block water heater (in automatic models)
- Diesel gen-set maintenance and operating instructions and electrical circuit diagram

QUALITY STANDARD

Our gen-sets; VDE 0530, BS 4999, BS 5000, IEC 34, TS ISO 8528, TS EN 12601 are manufactured in accordance with the requirements of standards above. Our company fulfills ISO 9001:2008, ISO 14001:2004, OHSAS 18001:2007 management system requirements, and have the accredited certificates of Kiwa & MEYER. Also we've GOST-R certificate. Our gen-sets have TS ISO 8528-5, TS EN 12601 product standard certificates. Our gen-sets are CE certified in accordance with the requirements of 2000/14/EC, noise emission directive.

ALTERNATOR

- INFINITY brushless 12 ends alternator
- Single bearing, flexible disc 4 poles alternator for harmonic failure
- H type isolation class
- IP 21-23 protection class, Self-excited
- Electronic automatic voltage regulator
- Stator 2/3 step for harmonic failure
- Leroy Somer, Stamford, SINCRO and Mecc Alte alternators are optional

OPTIONS TO ADD

- Charge ammeter
- Molded case circuit breaker (in automatic models)
- Hospital (critical) type silencer
- Sound-proof canopy
- Mobile - trailer
- Synchronization control panel for 2-6 gensets.
- 4 pole automatic transfer panel (A.T.S.)
- Fuel and oil heater
- Alternator heater
- Automatic fuel filling system
- Fuel-water separator filter

CANOPY

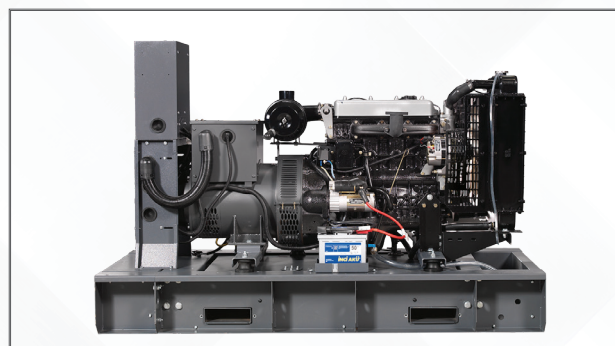
- Modular type sound-proof canopy
- Canopy installation executed with screw and nut, without welding process
- Epoxy and polyester powder painted canopy
- Canopy designed for easy maintenance
- Lockable doors on both sides of canopy
- Emergency stop button
- Transparent panel inspection window

AUTOMATIC CONTROL PANEL

- LCD display screen
- Battery charger
- Hardware and materials needed
- USB port & RS-485 output
- Deepsea Controllers & Sync Are Optional

GEN-SET SAFETY PROTECTION & ALARMS

- High water temperature
- Low oil pressure
- High & low engine speed
- Low radiator water level
- Over current load
- High & low genset voltage
- Start/stop failure

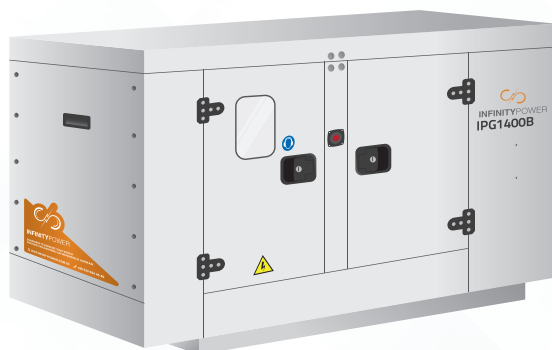


BAUDOUIN Series Diesel Generator Sets 900-1250 kVA

MODEL				IPG900B	IPG1,000B	IPG1,120B	IPG1,250B
GROUP	GEN - SET POWER	STAND BY	kVA	900	1000	1120	1250
			kW	720	800	896	1000
		PRIME	kVA	815	900	1020	1150
			kW	652	720	816	920
	CANOPY DIMENSION (W x L x H) mm			1800x4800x2980	1800x4800x2980	1800x4800x2980	2400x5450x3319
	CANOPY WEIGHT kg			8128	8518	8681	10746
	OPEN DIMENSION (W x L x H) mm			1800x4140x2260	1800x4140x2260	1800x4140x2260	2400x4675x2701
	OPEN WEIGHT kg			6946	7336	7499	8688
ENGINE	BRAND			BAUDOUIN	BAUDOUIN	BAUDOUIN	BAUDOUIN
	TYPE			12M26G900/5	12M26G1000/5	12M26G1100/5	12M33G1250/5
	POWER	STAND BY	kW	720	800	896	1000
		PRIME	kW	652	720	816	920
	SPEED (rpm)			1500.00	1500.00	1500.00	1500.00
	CYCLE			4	4	4	4
	DISPLACEMENT (lt)			31,8	31,8	31,8	39,2
	NUMBER OF CYLINDERS			6 IN LINE	6 IN LINE	8v	8v
	BORE AND STROKE (mm x mm)			150x185	150x185	150x185	150x185
	COMPRESSION RATIO			15,7:1	15,7:1	15,7:1	15:01
	GOVERNOR TYPE			MECHANIC/ELECTRONIC			
	INDUCTION			TURBOCHARGED - AFTERCOOLER			
	COMBUSTION SYSTEM			DIRECT			
	COOLING SYSTEM			WATER			
	FUEL CONSUMPTION (lt/h)	100% OF PRIME POWER		173,7	195,5	207,1	236,2
		75% OF PRIME POWER		133,1	146,5	155,3	175
		50% OF PRIME POWER		90,8	100,8	106,6	119,5
	TOTAL LUBRICATION SYSTEM CAPACITY (lt)			154	154	154	303

INFINITYPOWER reserves the right to make changes in model, technical specifications, color, equipment & accessories without prior notice.

BAUDOUIN 1400-1900 kVA Technical Specifications



ENGINE

- BAUDOUIN series heavy duty diesel engine
- 4 cycle, water cooled, naturally aspirated
- Direct injection
- Mechanic / electronic governor system
- 12/24 volt self-starter and charger alternator
- Changeable air, fuel and oil filter
- Tropical type radiator
- Flexible fuel pipe
- Oil discharge valve and extension pipe
- Industrial type silencer, exhaust spiral or compensator
- Maintenance free battery
- Engine block water heater (in automatic models)
- Diesel gen-set maintenance and operating instructions and electrical circuit diagram

QUALITY STANDARD

Our gen-sets; VDE 0530, BS 4999, BS 5000, IEC 34, TS ISO 8528, TS EN 12601 are manufactured in accordance with the requirements of standards above. Our company fulfills ISO 9001:2008, ISO 14001:2004, OHSAS 18001:2007 management system requirements, and have the accredited certificates of Kiwa & MEYER. Also we've GOST-R certificate. Our gen-sets have TS ISO 8528-5, TS EN 12601 product standard certificates. Our gen-sets are CE certified in accordance with the requirements of 2000/14/EC, noise emission directive.

ALTERNATOR

- INFINITY brushless 12 ends alternator
- Single bearing, flexible disc 4 poles alternator for harmonic failure
- H type isolation class
- IP 21-23 protection class, Self-excited
- Electronic automatic voltage regulator
- Stator 2/3 step for harmonic failure
- Leroy Somer, Stamford, SINCRO and Mecc Alte alternators are optional

OPTIONS TO ADD

- Charge ammeter
- Molded case circuit breaker (in automatic models)
- Hospital (critical) type silencer
- Sound-proof canopy
- Mobile - trailer
- Synchronization control panel for 2-6 gensets.
- 4 pole automatic transfer panel (A.T.S.)
- Fuel and oil heater
- Alternator heater
- Automatic fuel filling system
- Fuel-water separator filter

CANOPY

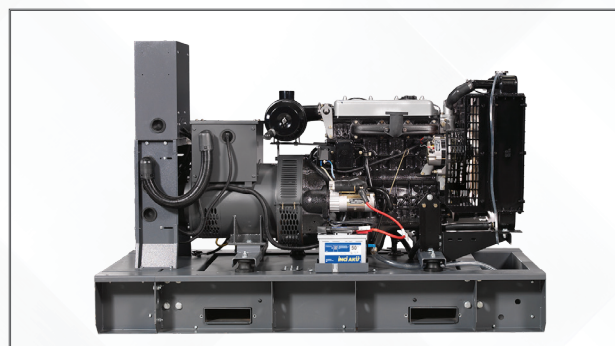
- Modular type sound-proof canopy
- Canopy installation executed with screw and nut, without welding process
- Epoxy and polyester powder painted canopy
- Canopy designed for easy maintenance
- Lockable doors on both sides of canopy
- Emergency stop button
- Transparent panel inspection window

AUTOMATIC CONTROL PANEL

- LCD display screen
- Battery charger
- Hardware and materials needed
- USB port & RS-485 output
- Deepsea Controllers & Sync Are Optional

GEN-SET SAFETY PROTECTION & ALARMS

- High water temperature
- Low oil pressure
- High & low engine speed
- Low radiator water level
- Over current load
- High & low genset voltage
- Start/stop failure

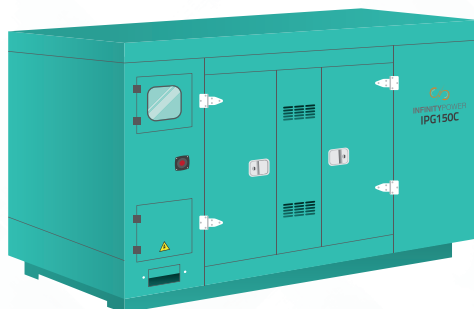


BAUDOUIN Series Diesel Generator Sets 1400-1900 kVA

MODEL				IPG1,400B	IPG1,500B	IPG1,650B	IPG1,900B
GROUP	GEN - SET POWER	STAND BY	kVA	1400	1500	1650	1900
			kW	1120	1200	1320	1520
		PRIME	kVA	1250	1375	1500	1750
			kW	1000	1100	1200	1400
	CANOPY DIMENSION (W x L x H) mm			2400x5450x3319	2400x5450x3319	2400x5450x3319	x
	CANOPY WEIGHT kg			11635	11499	11759	x
	OPEN DIMENSION (W x L x H) mm			2400x4675x2701	2400x4810x2640	2400x4810x2640	x
	OPEN WEIGHT kg			9577	9519	9779	x
ENGINE	BRAND			BAUDOUIN	BAUDOUIN	BAUDOUIN	BAUDOUIN
	TYPE			12M33G1400/5	12M33G1500/5	12M33G1650/5	16M33G1900/5
	POWER	STAND BY	kW	1120	1200	1320	1520
		PRIME	kW	1000	1100	1200	1400
	SPEED (rpm)			1500.00	1500.00	1500.00	1500.00
	CYCLE			4	4	4	4
	DISPLACEMENT (lt)			39,2	39,2	39,2	52,3
	NUMBER OF CYLINDERS			12v	12v	12v	12v
	BORE AND STROKE (mm x mm)			150x185	150x185	150x185	150x185
	COMPRESSION RATIO			15:01	15:01	15:01	15:01
	GOVERNOR TYPE			MECHANIC/ELECTRONIC			
	INDUCTION			TURBOCHARGED - AFTERCOOLER			
	COMBUSTION SYSTEM			DIRECT			
	COOLING SYSTEM			WATER			
	FUEL CONSUMPTION (lt/h)	100% OF PRIME POWER		258,6	296,9	324	364,3
		75% OF PRIME POWER		190,7	214,4	234,2	265,4
		50% OF PRIME POWER		129,2	146,2	156,1	179,7
	TOTAL LUBRICATION SYSTEM CAPACITY (lt)			303	303	303	542

INFINITYPOWER reserves the right to make changes in model, technical specifications, color, equipment & accessories without prior notice.

CUMMINS Series Diesel Generator Sets 23-55 kVA



ENGINE

- 4-cycle, water-cooled, turbocharged & aftercooled
- Direct injection
- **Mechanical governor system**
- 24-volt self-starter and charger alternator
- Changeable air, fuel, and oil filter
- Tropical type radiator
- Flexible fuel pipe
- Oil discharge valve and extension pipe
- Industrial-type silencer, exhaust spiral, or compensator
- Maintenance-free battery
- Engine block water heater (in automatic models)
- Diesel gen-set maintenance and operating instructions, and electrical circuit diagram

QUALITY STANDARD

Our gen-sets comply with the following standards: **VDE 0530, BS 4999, BS 5000, IEC 34, TS ISO 8528, TS EN 12601** are manufactured in accordance with the requirements of the standards above. Our company fulfills **ISO 9001:2015, ISO 14001:2015**, and OHSAS 18001:2007 management system requirements. Our gen-sets have the accredited certificates of **Kiwa & MEYER**, and also comply with GOST-R certification. Our gen-sets have **TS ISO 8528-5, TS EN 12601** product standard certificates. **Applicable Codes & Standards for Cummins Generators:** AS 1359, CSA C22.2 No.100-04, UL 142, UL 489, UL 869, UL 2200, NFPA 37, NFPA 99, NFPA 110, IBC IEC 60034-1, ISO 3046, ISO 8528, NEMA MG1-22, NEMA MG1-3, 2006/95/EC, 2006/42/EC, 2004/108/EC.

ALTERNATOR

- INFINITY brushless 12 ends alternator
- Single bearing, flexible disc 4 poles alternator for harmonic failure
- H type isolation class
- IP 21-23 protection class, Self-excited
- Electronic automatic voltage regulator
- Stator 2/3 step for harmonic failure
- Leroy Somer, Stamford, SINCRO and Mecc Alte alternators are optional

OPTIONS TO ADD

- Charge ammeter
- Molded case circuit breaker (in automatic models)
- Hospital (critical) type silencer
- Sound-proof canopy
- Mobile - trailer
- Synchronization control panel for 2-6 gensets.
- 4 pole automatic transfer panel (A.T.S.)
- Fuel and oil heater
- Alternator heater
- Automatic fuel filling system
- Fuel-water separator filter

CANOPY

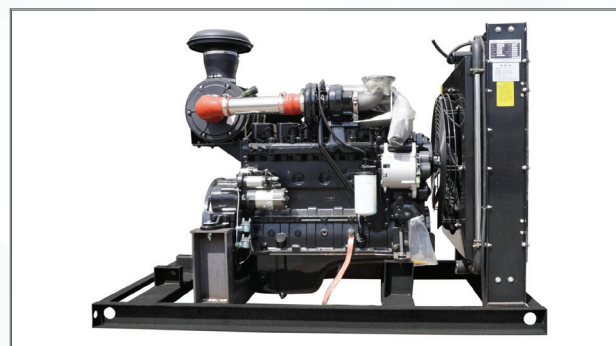
- Modular type sound-proof canopy
- Canopy installation executed with screw and nut, without welding process
- Epoxy and polyester powder painted canopy
- Canopy designed for easy maintenance
- Lockable doors on both sides of canopy
- Emergency stop button
- Transparent panel inspection window

AUTOMATIC CONTROL PANEL

- LCD display screen
- Battery charger
- Hardware and materials needed
- USB port & RS-485 output
- Deepsea Controllers & Sync Are Optional

GEN-SET SAFETY PROTECTION & ALARMS

- High water temperature
- Low oil pressure
- High & low engine speed
- Low radiator water level
- Over current load
- High & low genset voltage
- Start/stop failure

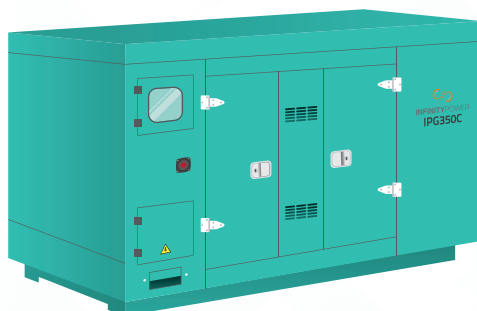


CUMMINS Series Diesel Generator Sets 23-55 kVA

MODEL				IPG23C	IPG34C	IPG55C
GROUP	GEN - SET POWER	STAND BY	kVA	23	34	55
			kW	19	28	44
		PRIME	kVA	21	31	50
			kW	17	25	40
	CANOPY DIMENSION (W x L x H) mm			1000x2250x1540	1000x2250x1540	1000x2350x1540
	CANOPY WEIGHT kg			1100	1100	1250
	OPEN DIMENSION (W x L x H) mm			750x1860x1350	750x1860x1350	850x1950x1350
	OPEN WEIGHT kg			700	700	800
ENGINE	BRAND			Cummins	Cummins	Cummins
	TYPE			4B3.9-G11	4B3.9-G12	4BTA3.9-G2
	POWER	STAND BY	kW	23	35	44
		PRIME	kW	21	31	40
	SPEED (rpm)			1500	1500	1500
	CYCLE			4	4	4
	DISPLACEMENT (lt)			3.9	5.9	5.9
	NUMBER OF CYLINDERS			4L	6L	6L
	BORE AND STROKE (mm x mm)			102 x 120	102 x 120	102 x 120
	COMPRESSION RATIO			16.5:1	17.5:1	17.3:1
	GOVERNOR TYPE			Mechanical Governor	Mechanical Governor	Mechanical Governor
	INDUCTION			Turbocharged and Aftercooled	Turbocharged and Aftercooled	Turbocharged and Aftercooled
	COMBUSTION SYSTEM			Direct Injection	Direct Injection	Direct Injection
	COOLING SYSTEM			Water	Water	Water
	FUEL CONSUMPTION (lt/h)	100% OF PRIME POWER		12.9	21.7	30
		75% OF PRIME POWER		9.6	16.2	22.5
		50% OF PRIME POWER		6.4	10.8	15
	TOTAL LUBRICATION SYSTEM CAPACITY (lt)			11	16.4	16.4
	COOLANT CAPACITY (L)			18	29	31
	FUEL TANK CAPACITY 8H			105	105	125

INFINITYPOWER reserves the right to make changes in model, technical specifications, color, equipment & accessories without prior notice.

CUMMINS Series Diesel Generator Sets 70-110 kVA



ENGINE

- 4-cycle, water-cooled, turbocharged & aftercooled
- Direct injection
- **Electronic governor system**
- 24-volt self-starter and charger alternator
- Changeable air, fuel, and oil filter
- Tropical type radiator
- Flexible fuel pipe
- Oil discharge valve and extension pipe
- Industrial-type silencer, exhaust spiral, or compensator
- Maintenance-free battery
- Engine block water heater (in automatic models)
- Diesel gen-set maintenance and operating instructions, and electrical circuit diagram

QUALITY STANDARD

Our gen-sets comply with the following standards: **VDE 0530, BS 4999, BS 5000, IEC 34, TS ISO 8528, TS EN 12601** are manufactured in accordance with the requirements of the standards above. Our company fulfills **ISO 9001:2015, ISO 14001:2015**, and OHSAS 18001:2007 management system requirements. Our gen-sets have the accredited certificates of **Kiwa & MEYER**, and also comply with GOST-R certification. Our gen-sets have **TS ISO 8528-5, TS EN 12601** product standard certificates. **Applicable Codes & Standards for Cummins Generators:** AS 1359, CSA C22.2 No.100-04, UL 142, UL 489, UL 869, UL 2200, NFPA 37, NFPA 99, NFPA 110, IBC IEC 60034-1, ISO 3046, ISO 8528, NEMA MG1-22, NEMA MG1-3, 2006/95/EC, 2006/42/EC, 2004/108/EC.

ALTERNATOR

- INFINITY brushless 12 ends alternator
- Single bearing, flexible disc 4 poles alternator for harmonic failure
- H type isolation class
- IP 21-23 protection class, Self-excited
- Electronic automatic voltage regulator
- Stator 2/3 step for harmonic failure
- Leroy Somer, Stamford, SINCRO and Mecc Alte alternators are optional

OPTIONS TO ADD

- Charge ammeter
- Molded case circuit breaker (in automatic models)
- Hospital (critical) type silencer
- Sound-proof canopy
- Mobile - trailer
- Synchronization control panel for 2-6 gensets.
- 4 pole automatic transfer panel (A.T.S.)
- Fuel and oil heater
- Alternator heater
- Automatic fuel filling system
- Fuel-water separator filter

CANOPY

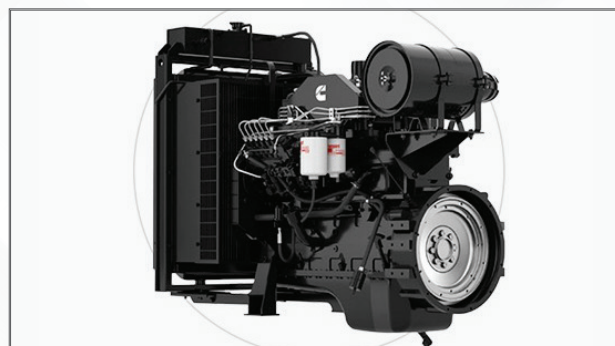
- Modular type sound-proof canopy
- Canopy installation executed with screw and nut, without welding process
- Epoxy and polyester powder painted canopy
- Canopy designed for easy maintenance
- Lockable doors on both sides of canopy
- Emergency stop button
- Transparent panel inspection window

AUTOMATIC CONTROL PANEL

- LCD display screen
- Battery charger
- Hardware and materials needed
- USB port & RS-485 output
- Deepsea Controllers & Sync Are Optional

GEN-SET SAFETY PROTECTION & ALARMS

- High water temperature
- Low oil pressure
- High & low engine speed
- Low radiator water level
- Over current load
- High & low genset voltage
- Start/stop failure

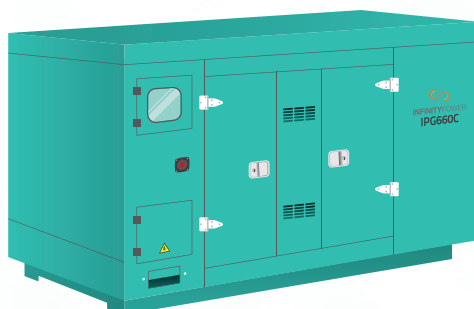


CUMMINS Series Diesel Generator Sets 70-110 kVA

MODEL				IPG70C	IPG88C	IPG110C
GROUP	GEN - SET POWER	STAND BY	kVA	72	88	110
			kW	57	70	88
		PRIME	kVA	65	80	100
			kW	52	64	80
	CANOPY DIMENSION (W x L x H) mm			1000x2450x1570	1000x2450x1590	1100x2900x1800
	CANOPY WEIGHT kg			1400	1400	1700
	OPEN DIMENSION (W x L x H) mm			850x2020x1350	860x2020x1385	900x2300x1450
	OPEN WEIGHT kg			950	960	1150
ENGINE	BRAND			Cummins	Cummins	Cummins
	TYPE			4BTA3.9-G2	4BTA3.9-G11	6BT5.9-G1
	POWER	STAND BY	kW	55	70	88
		PRIME	kW	50	64	80
	SPEED (rpm)			1500	1500	1500
	CYCLE			4	4	4
	DISPLACEMENT (lt)			3.9	5.9	5.9
	NUMBER OF CYLINDERS			4L	6L	6L
	BORE AND STROKE (mm x mm)			102 x 120	102 x 120	102 x 120
	COMPRESSION RATIO			16.5:1	17.5:1	17.5:1
	GOVERNOR TYPE			electronic	electronic	electronic
	INDUCTION			Turbocharged and Aftercooled	Turbocharged and Aftercooled	Turbocharged and Aftercooled
	COMBUSTION SYSTEM			Direct Injection	Direct Injection	Direct Injection
	COOLING SYSTEM			Water	Water	Water
	FUEL CONSUMPTION (lt/h)	100% OF PRIME POWER		12.9	21.7	21.7
		75% OF PRIME POWER		9.6	16.2	16.2
		50% OF PRIME POWER		6.4	10.8	10.8
	TOTAL LUBRICATION SYSTEM CAPACITY (lt)			11	16.4	16.4
	COOLANT CAPACITY (L)			18	29	29
	FUEL TANK CAPACITY 8H			145	145	170

INFINITYPOWER reserves the right to make changes in model, technical specifications, color, equipment & accessories without prior notice.

CUMMINS Series Diesel Generator Sets 150-200 kVA



ENGINE

- 4-cycle, water-cooled, turbocharged & aftercooled
- Direct injection
- **Electronic governor system**
- 24-volt self-starter and charger alternator
- Changeable air, fuel, and oil filter
- Tropical type radiator
- Flexible fuel pipe
- Oil discharge valve and extension pipe
- Industrial-type silencer, exhaust spiral, or compensator
- Maintenance-free battery
- Engine block water heater (in automatic models)
- Diesel gen-set maintenance and operating instructions, and electrical circuit diagram

QUALITY STANDARD

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ALTERNATOR

- INFINITY brushless 12 ends alternator
- Single bearing, flexible disc 4 poles alternator for harmonic failure
- H type isolation class
- IP 21-23 protection class, Self-excited
- Electronic automatic voltage regulator
- Stator 2/3 step for harmonic failure
- Leroy Somer, Stamford, SINCRO and Mecc Alte alternators are optional

OPTIONS TO ADD

- Charge ammeter
- Molded case circuit breaker (in automatic models)
- Hospital (critical) type silencer
- Sound-proof canopy
- Mobile - trailer
- Synchronization control panel for 2-6 gensets.
- 4 pole automatic transfer panel (A.T.S.)
- Fuel and oil heater
- Alternator heater
- Automatic fuel filling system
- Fuel-water separator filter

CANOPY

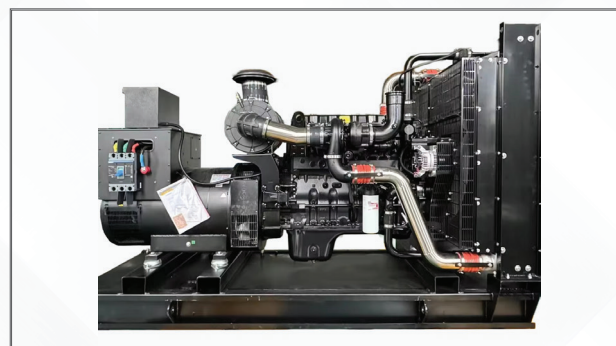
- Modular type sound-proof canopy
- Canopy installation executed with screw and nut, without welding process
- Epoxy and polyester powder painted canopy
- Canopy designed for easy maintenance
- Lockable doors on both sides of canopy
- Emergency stop button
- Transparent panel inspection window

AUTOMATIC CONTROL PANEL

- LCD display screen
- Battery charger
- Hardware and materials needed
- USB port & RS-485 output
- Deepsea Controllers & Sync Are Optional

GEN-SET SAFETY PROTECTION & ALARMS

- High water temperature
- Low oil pressure
- High & low engine speed
- Low radiator water level
- Over current load
- High & low genset voltage
- Start/stop failure



CUMMINS Series Diesel Generator Sets 150-200 kVA

MODEL				IPG150C	IPG165C	IPG200C
GROUP	GEN - SET POWER	STAND BY	kVA	149	165	207
			kW	119	132	165
		PRIME	kVA	135	150	188
			kW	108	120	150
	CANOPY DIMENSION (W x L x H) mm			1100x3200x1850	1100x3400x1880	1100x3350x1950
	CANOPY WEIGHT kg			1800	1950	2350
	OPEN DIMENSION (W x L x H) mm			800x2220x1450	980x2550x1520	930x2350x1560
	OPEN WEIGHT kg			1200	1300	1700
ENGINE	BRAND			Cummins	Cummins	Cummins
	TYPE			6BTAA5.9-G2	6BTAA5.9G12	6CTA8.3-G2
	POWER	STAND BY	kW	120	132	165
		PRIME	kW	108	120	150
	SPEED (rpm)			1500	1500	1500
	CYCLE			4	4	4
	DISPLACEMENT (lt)			8.3	8.9	8.3
	NUMBER OF CYLINDERS			6L	6L	6L
	BORE AND STROKE (mm x mm)			114 x 135	114 x 145	114 x 135
	COMPRESSION RATIO			16.5:1	16.0:1	16.5:1
	GOVERNOR TYPE			electronic	electronic	electronic
	INDUCTION			Turbocharged and Aftercooled	Turbocharged and Aftercooled	Turbocharged and Aftercooled
	COMBUSTION SYSTEM			Direct Injection	Direct Injection	Direct Injection
	COOLING SYSTEM			Water	Water	Water
	FUEL CONSUMPTION (lt/h)	100% OF PRIME POWER		42	53	42
		75% OF PRIME POWER		31.5	39.7	31.5
		50% OF PRIME POWER		21	26.5	21
	TOTAL LUBRICATION SYSTEM CAPACITY (lt)			23.8	27.6	23.8
	COOLANT CAPACITY (L)			35	47	35
	FUEL TANK CAPACITY 8H			250	270	300

INFINITYPOWER reserves the right to make changes in model, technical specifications, color, equipment & accessories without prior notice.

CUMMINS Series Diesel Generator Sets 700-825 kVA



ENGINE

- 4-cycle, water-cooled, turbocharged & aftercooled
- Direct injection
- **Electronic governor system** (for KT38-G, KT38-GA, KTA38-G2)
- 24-volt self-starter and charger alternator
- Changeable air, fuel, and oil filter
- Tropical type radiator
- Flexible fuel pipe
- Oil discharge valve and extension pipe
- Industrial-type silencer, exhaust spiral, or compensator
- Maintenance-free battery
- Engine block water heater (in automatic models)
- Diesel gen-set maintenance and operating instructions, and electrical circuit diagram

QUALITY STANDARD

Our gen-sets comply with the following standards: **VDE 0530, BS 4999, BS 5000, IEC 34, TS ISO 8528, TS EN 12601** are manufactured in accordance with the requirements of the standards above. Our company fulfills **ISO 9001:2015, ISO 14001:2015**, and OHSAS 18001:2007 management system requirements. Our gen-sets have the accredited certificates of **Kiwa & MEYER**, and also comply with GOST-R certification. Our gen-sets have **TS ISO 8528-5, TS EN 12601** product standard certificates. **Applicable Codes & Standards for Cummins Generators:** AS 1359, CSA C22.2 No.100-04, UL 142, UL 489, UL 869, UL 2200, NFPA 37, NFPA 99, NFPA 110, IBC IEC 60034-1, ISO 3046, ISO 8528, NEMA MG1-22, NEMA MG1-3, 2006/95/EC, 2006/42/EC, 2004/108/EC.

ALTERNATOR

- INFINITY brushless 12 ends alternator
- Single bearing, flexible disc 4 poles alternator for harmonic failure
- H type isolation class
- IP 21-23 protection class, Self-excited
- Electronic automatic voltage regulator
- Stator 2/3 step for harmonic failure
- Leroy Somer, Stamford, SINCRO and Mecc Alte alternators are optional

OPTIONS TO ADD

- Charge ammeter
- Molded case circuit breaker (in automatic models)
- Hospital (critical) type silencer
- Sound-proof canopy
- Mobile - trailer
- Synchronization control panel for 2-6 gensets.
- 4 pole automatic transfer panel (A.T.S.)
- Fuel and oil heater
- Alternator heater
- Automatic fuel filling system
- Fuel-water separator filter

CANOPY

- Modular type sound-proof canopy
- Canopy installation executed with screw and nut, without welding process
- Epoxy and polyester powder painted canopy
- Canopy designed for easy maintenance
- Lockable doors on both sides of canopy
- Emergency stop button
- Transparent panel inspection window

AUTOMATIC CONTROL PANEL

- LCD display screen
- Battery charger
- Hardware and materials needed
- USB port & RS-485 output
- Deepsea Controllers & Sync Are Optional

GEN-SET SAFETY PROTECTION & ALARMS

- High water temperature
- Low oil pressure
- High & low engine speed
- Low radiator water level
- Over current load
- High & low genset voltage
- Start/stop failure



CUMMINS Series Diesel Generator Sets 700-825 kVA

MODEL				IPG700C	IPG800C	IPG825C
GROUP	GEN - SET POWER	STAND BY	kVA	700	800	825
			kW	560	640	660
		PRIME	kVA	625	725	750
			kW	500	580	600
	CANOPY DIMENSION (W x L x H) mm			2280x5800x2500	2280x5800x2500	2280x5800x2500
	CANOPY WEIGHT kg			10200	10300	10300
	OPEN DIMENSION (W x L x H) mm			1700x4100x2500	1720x4200x2530	1760x4100x2530
	OPEN WEIGHT kg			7150	7300	7300
ENGINE	BRAND			Cummins	Cummins	Cummins
	TYPE			KT38-G	KT38-GA	KTA38-G2
	POWER	STAND BY	kW	560	640	660
		PRIME	kW	500	580	600
	SPEED (rpm)			1500	1500	1500
	CYCLE			4	4	4
	DISPLACEMENT (lt)			38	38	38
	NUMBER OF CYLINDERS			V12	V12	V12
	BORE AND STROKE (mm x mm)			159 x 159	159 x 159	159 x 159
	COMPRESSION RATIO			13.9:1	13.9:1	13.9:1
	GOVERNOR TYPE			electronic	electronic	electronic
	INDUCTION			Turbocharged and Aftercooled	Turbocharged and Aftercooled	Turbocharged and Aftercooled
	COMBUSTION SYSTEM			Direct Injection	Direct Injection	Direct Injection
	COOLING SYSTEM			Water	Water	Water
	FUEL CONSUMPTION (lt/h)	100% OF PRIME POWER		140	168.2	167
		75% OF PRIME POWER		105	126.1	125.2
		50% OF PRIME POWER		70	84.1	83.5
	TOTAL LUBRICATION SYSTEM CAPACITY (lt)			135	135	135
	COOLANT CAPACITY (L)			210	210	210
	FUEL TANK CAPACITY 8H			1050	1200	1270

INFINITYPOWER reserves the right to make changes in model, technical specifications, color, equipment & accessories without prior notice.

CUMMINS Series Diesel Generator Sets 880-1100 kVA



ENGINE

- 4-cycle, water-cooled, turbocharged & aftercooled
- Direct injection
- **Electronic governor system** (for KTA38-G2B, KTA38-G2A, KTA38-G5)
- 24-volt self-starter and charger alternator
- Changeable air, fuel, and oil filter
- Tropical type radiator
- Flexible fuel pipe
- Oil discharge valve and extension pipe
- Industrial-type silencer, exhaust spiral, or compensator
- Maintenance-free battery
- Engine block water heater (in automatic models)
- Diesel gen-set maintenance and operating instructions, and electrical circuit diagram

QUALITY STANDARD

Our gen-sets comply with the following standards: **VDE 0530, BS 4999, BS 5000, IEC 34, TS ISO 8528, TS EN 12601** are manufactured in accordance with the requirements of the standards above. Our company fulfills **ISO 9001:2015, ISO 14001:2015**, and OHSAS 18001:2007 management system requirements. Our gen-sets have the accredited certificates of **Kiwa & MEYER**, and also comply with GOST-R certification. Our gen-sets have **TS ISO 8528-5, TS EN 12601** product standard certificates. **Applicable Codes & Standards for Cummins Generators:** AS 1359, CSA C22.2 No.100-04, UL 142, UL 489, UL 869, UL 2200, NFPA 37, NFPA 99, NFPA 110, IBC IEC 60034-1, ISO 3046, ISO 8528, NEMA MG1-22, NEMA MG1-3, 2006/95/EC, 2006/42/EC, 2004/108/EC.

ALTERNATOR

- INFINITY brushless 12 ends alternator
- Single bearing, flexible disc 4 poles alternator for harmonic failure
- H type isolation class
- IP 21-23 protection class, Self-excited
- Electronic automatic voltage regulator
- Stator 2/3 step for harmonic failure
- Leroy Somer, Stamford, SINCRO and Mecc Alte alternators are optional

OPTIONS TO ADD

- Charge ammeter
- Molded case circuit breaker (in automatic models)
- Hospital (critical) type silencer
- Sound-proof canopy
- Mobile - trailer
- Synchronization control panel for 2-6 gensets.
- 4 pole automatic transfer panel (A.T.S.)
- Fuel and oil heater
- Alternator heater
- Automatic fuel filling system
- Fuel-water separator filter

CANOPY

- Modular type sound-proof canopy
- Canopy installation executed with screw and nut, without welding process
- Epoxy and polyester powder painted canopy
- Canopy designed for easy maintenance
- Lockable doors on both sides of canopy
- Emergency stop button
- Transparent panel inspection window

AUTOMATIC CONTROL PANEL

- LCD display screen
- Battery charger
- Hardware and materials needed
- USB port & RS-485 output
- Deepsea Controllers & Sync Are Optional

GEN-SET SAFETY PROTECTION & ALARMS

- High water temperature
- Low oil pressure
- High & low engine speed
- Low radiator water level
- Over current load
- High & low genset voltage
- Start/stop failure



CUMMINS Series Diesel Generator Sets 880-1100 kVA

MODEL				IPG880C	IPG1000C	IPG1100C
GROUP	GEN - SET POWER	STAND BY	kVA	888	1000	1100
			kW	710	800	880
		PRIME	kVA	800	910	1000
			kW	640	728	800
	CANOPY DIMENSION (W x L x H) mm			2280x5800x2500	2280x5800x2500	2280x5800x2500
	CANOPY WEIGHT kg			10500	10600	10600
	OPEN DIMENSION (W x L x H) mm			1760x4100x2530	1760x4200x2530	1760x4160x2530
	OPEN WEIGHT kg			7450	7650	7600
ENGINE	BRAND			Cummins	Cummins	Cummins
	TYPE			KTA38-G2B	KTA38-G2A	KTA38-G5
	POWER	STAND BY	kW	710	800	880
		PRIME	kW	640	728	800
	SPEED (rpm)			1500	1500	1500
	CYCLE			4	4	4
	DISPLACEMENT (lt)			38	38	38
	NUMBER OF CYLINDERS			V12	V12	V12
	BORE AND STROKE (mm x mm)			159 x 159	159 x 159	159 x 159
	COMPRESSION RATIO			13.9:1	13.9:1	13.9:1
	GOVERNOR TYPE			electronic	electronic	electronic
	INDUCTION			Turbocharged and Aftercooled	Turbocharged and Aftercooled	Turbocharged and Aftercooled
	COMBUSTION SYSTEM			Direct Injection	Direct Injection	Direct Injection
	COOLING SYSTEM			Water	Water	Water
	FUEL CONSUMPTION (lt/h)	100% OF PRIME POWER		167.3	191	209
		75% OF PRIME POWER		125.4	143.2	156.7
		50% OF PRIME POWER		83.6	95.5	104.5
	TOTAL LUBRICATION SYSTEM CAPACITY (lt)			135	135	135
	COOLANT CAPACITY (L)			210	210	210
	FUEL TANK CAPACITY 8H			1360	1550	1700

INFINITYPOWER reserves the right to make changes in model, technical specifications, color, equipment & accessories without prior notice.

CUMMINS Series Diesel Generator Sets 1250-1650 kVA



ENGINE

- 4-cycle, water-cooled, turbocharged & aftercooled
- Direct injection
- **Electronic governor system** (for QSK38-G5)
- 24-volt self-starter and charger alternator
- Changeable air, fuel, and oil filter
- Tropical type radiator
- Flexible fuel pipe
- Oil discharge valve and extension pipe
- Industrial-type silencer, exhaust spiral, or compensator
- Maintenance-free battery
- Engine block water heater (in automatic models)
- Diesel gen-set maintenance and operating instructions, and electrical circuit diagram

QUALITY STANDARD

Our gen-sets comply with the following standards: **VDE 0530, BS 4999, BS 5000, IEC 34, TS ISO 8528, TS EN 12601** are manufactured in accordance with the requirements of the standards above. Our company fulfills **ISO 9001:2015, ISO 14001:2015**, and OHSAS 18001:2007 management system requirements. Our gen-sets have the accredited certificates of **Kiwa & MEYER**, and also comply with GOST-R certification. Our gen-sets have **TS ISO 8528-5, TS EN 12601** product standard certificates. **Applicable Codes & Standards for Cummins Generators:** AS 1359, CSA C22.2 No.100-04, UL 142, UL 489, UL 869, UL 2200, NFPA 37, NFPA 99, NFPA 110, IBC IEC 60034-1, ISO 3046, ISO 8528, NEMA MG1-22, NEMA MG1-3, 2006/95/EC, 2006/42/EC, 2004/108/EC.

ALTERNATOR

- INFINITY brushless 12 ends alternator
- Single bearing, flexible disc 4 poles alternator for harmonic failure
- H type isolation class
- IP 21-23 protection class, Self-excited
- Electronic automatic voltage regulator
- Stator 2/3 step for harmonic failure
- Leroy Somer, Stamford, SINCRO and Mecc Alte alternators are optional

OPTIONS TO ADD

- Charge ammeter
- Molded case circuit breaker (in automatic models)
- Hospital (critical) type silencer
- Sound-proof canopy
- Mobile - trailer
- Synchronization control panel for 2-6 gensets.
- 4 pole automatic transfer panel (A.T.S.)
- Fuel and oil heater
- Alternator heater
- Automatic fuel filling system
- Fuel-water separator filter

CANOPY

- Modular type sound-proof canopy
- Canopy installation executed with screw and nut, without welding process
- Epoxy and polyester powder painted canopy
- Canopy designed for easy maintenance
- Lockable doors on both sides of canopy
- Emergency stop button
- Transparent panel inspection window

AUTOMATIC CONTROL PANEL

- LCD display screen
- Battery charger
- Hardware and materials needed
- USB port & RS-485 output
- Deepsea Controllers & Sync Are Optional

GEN-SET SAFETY PROTECTION & ALARMS

- High water temperature
- Low oil pressure
- High & low engine speed
- Low radiator water level
- Over current load
- High & low genset voltage
- Start/stop failure

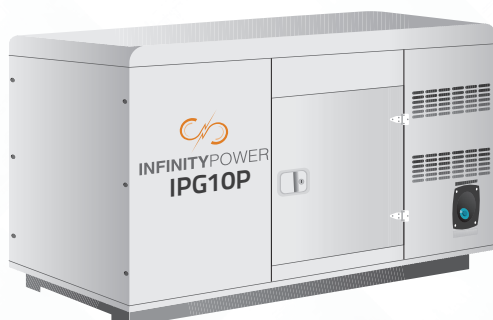


CUMMINS Series Diesel Generator Sets 1250-1650 kVA

MODEL				IPG1250C	IPG1375C	IPG1650C
GROUP	GEN - SET POWER	STAND BY	kVA	1250	1375	1650
			kW	1000	1100	1320
		PRIME	kVA	-	1250	1375
			kW	-	1000	1100
	CANOPY DIMENSION (W x L x H) mm			2280x5800x2500	2430x5800x2800	2440x6700x2800
	CANOPY WEIGHT kg			11600	12300	14300
	OPEN DIMENSION (W x L x H) mm			2040x4220x-	2200x4580x-	2150x5450x-
	OPEN WEIGHT kg			8600	8800	9650
ENGINE	BRAND			Cummins	Cummins	Cummins
	TYPE			KTA38-G9	QSK38-G5	KTA50-G8
	POWER	STAND BY	kW	1000	1100	1320
		PRIME	kW	-	1000	1100
	SPEED (rpm)			1500	1500	1500
	CYCLE			4	4	4
	DISPLACEMENT (lt)			38	38	50
	NUMBER OF CYLINDERS			V12	V12	V16
	BORE AND STROKE (mm x mm)			159 x 159	159 x 159	159 x 190
	COMPRESSION RATIO			13.9:1	13.9:1	13.9:1
	GOVERNOR TYPE			electronic	electronic	electronic
	INDUCTION			Turbocharged and Aftercooled	Turbocharged and Aftercooled	Turbocharged and Aftercooled
	COMBUSTION SYSTEM			Direct Injection	Direct Injection	Direct Injection
	COOLING SYSTEM			Water	Water	Water
	FUEL CONSUMPTION (lt/h)	100% OF PRIME POWER		247.5	274	289
		75% OF PRIME POWER		185.6	205.5	216.7
		50% OF PRIME POWER		123.7	137	144.5
	TOTAL LUBRICATION SYSTEM CAPACITY (lt)			135	175	205
	COOLANT CAPACITY (L)			210	255	310
	FUEL TANK CAPACITY 8H			1930	2120	-

INFINITYPOWER reserves the right to make changes in model, technical specifications, color, equipment & accessories without prior notice.

PERKINS 10-22 kVA Technical Specifications



ENGINE

- PERKINS series heavy duty diesel generator
- 4 cycle, water cooled, naturally aspirated
- Indirect injection
- Mechanic / Rotary type pump
- 12 volt self-starter and charger alternator
- Changeable air, fuel and oil filter
- Tropical type radiator
- Flexible fuel pipe
- Oil discharge valve and extension pipe
- Industrial type silencer, exhaust spiral or compensator
- Maintenance free battery
- Engine block water heater (in automatic models)
- Diesel gen-set maintenance and operating instructions and electrical circuit diagram

QUALITY STANDARD

Our gen-sets; VDE 0530, BS 4999, BS 5000, IEC 34, TS ISO 8528, TS EN 12601 are manufactured in accordance with the requirements of standards above. Our company fulfills ISO 9001:2008, ISO 14001:2004, OHSAS 18001:2007 management system requirements, and have the accredited certificates of Kiwa & MEYER. Also we've GOST-R certificate. Our gen-sets have TS ISO 8528-5, TS EN 12601 product standard certificates. Applicable Codes & Standards: AS1359, CSA C22.2 No100-04, UL142, UL489, UL869, UL2200, NFPA37, NFPA99, NFPA110, IBC/IEC60034-1, ISO3046, ISO8528, NEMA MG1-22, NEMA MG1-3, 2006/95/EC, 2006/42/EC, 2004/108/EC.

ALTERNATOR

- INFINITY brushless 12 ends alternator
- Single bearing, flexible disc 4 poles alternator for harmonic failure
- H type isolation class
- IP 21-23 protection class, Self-excited
- Electronic automatic voltage regulator
- Stator 2/3 step for harmonic failure
- Leroy Somer, Stamford, SINCRO and Mecc Alte alternators are optional

OPTIONS TO ADD

- Charge ammeter
- Molded case circuit breaker (in automatic models)
- Hospital (critical) type silencer
- Sound-proof canopy
- Mobile - trailer
- Synchronization control panel for 2-6 gensets.
- 4 pole automatic transfer panel (A.T.S.)
- Fuel and oil heater
- Alternator heater
- Automatic fuel filling system
- Fuel-water separator filter

CANOPY

- Modular type sound-proof canopy
- Canopy installation executed with screw and nut, without welding process
- Epoxy and polyester powder painted canopy
- Canopy designed for easy maintenance
- Lockable doors on both sides of canopy
- Emergency stop button
- Transparent panel inspection window

AUTOMATIC CONTROL PANEL

- LCD display screen
- Battery charger
- Hardware and materials needed
- USB port & RS-485 output
- Deepsea Controllers & Sync Are Optional

GEN-SET SAFETY PROTECTION & ALARMS

- High water temperature
- Low oil pressure
- High & low engine speed
- Low radiator water level
- Over current load
- High & low genset voltage
- Start/stop failure

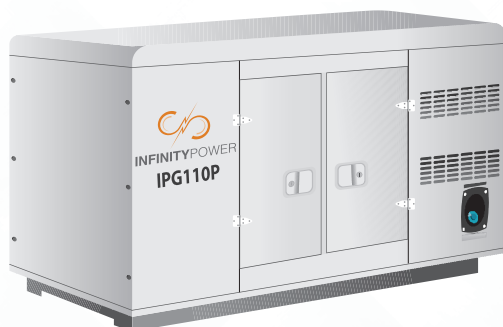


PERKINS Series Diesel Generator Sets 10-22 kVA

MODEL				IPG10P	IPG15P	IPG22P
GROUP	GEN - SET POWER	STAND BY	kVA	10	15	22
			kW	8	11,6	17,8
		PRIME	kVA	9	13	20
			kW	7,2	10,5	16,2
	CANOPY DIMENSION (W x L x H) mm			1000 x 1900 x 1340	1000 x 1900 x 1340	1000 x 2000 x 1440
	CANOPY WEIGHT kg			745	760	820
	OPEN DIMENSION (W x L x H) mm			670 x 1400 x 1250	670 x 1400 x 1250	670 x 1520 x 1250
	OPEN WEIGHT kg			540	555	615
	ENGINE	BRAND			PERKINS	PERKINS
TYPE			403A - 11G1	403A - 15G1	404A - 22G1	
POWER		STAND BY	kW	9,2	13,2	20,3
		PRIME	kW	8,4	12	18,4
SPEED (rpm)			1500	1500	1500	
CYCLE			4	4	4	
DISPLACEMENT (lt)			1,131	1,496	2,216	
NUMBER OF CYLINDERS			3 IN LINE	3 IN LINE	4 IN LINE	
BORE AND STROKE (mm x mm)			77 x 81	84 x 90	84 x 100	
COMPRESSION RATIO			23:1	22,5 :1	23,3 : 1	
GOVERNOR TYPE			MECHANIC			
INDUCTION			NATURAL			
COMBUSTION SYSTEM			INDIRECT INJECTION			
COOLING SYSTEM			WATER			
FUEL CONSUMPTION (lt/h)		100% OF PRIME POWER		3,00	3,70	5,30
		75% OF PRIME POWER		2,30	2,80	4,00
		50% OF PRIME POWER		1,70	2,00	2,90
TOTAL LUBRICATION SYSTEM CAPACITY (lt)			4,9	6	10,6	
COOLANT CAPACITY (L)			4,9	6	7	
FUEL TANK CAPACITY 8H			92	92	92	

INFINITYPOWER reserves the right to make changes in model, technical specifications, color, equipment & accessories without prior notice.

PERKINS 33-110 kVA Technical Specifications



ENGINE

- PERKINS series heavy duty diesel generator
- 4 cycle, water cooled, natural / turbocharged / turbocharged & air to air charge cooled
- Direct injection
- Rotary type pump
- 12/24 volt self-starter and charger alternator
- Changeable air, fuel and oil filter
- Tropical type radiator
- Flexible fuel pipe
- Oil discharge valve and extension pipe
- Industrial type silencer, exhaust spiral or compensator
- Maintenance free battery
- Engine block water heater (in automatic models)
- Diesel gen-set maintenance and operating instructions and electrical circuit diagram

QUALITY STANDARD

Our gen-sets; VDE 0530, BS 4999, BS 5000, IEC 34, TS ISO 8528, TS EN 12601 are manufactured in accordance with the requirements of standards above. Our company fulfills ISO 9001:2008, ISO 14001:2004, OHSAS 18001:2007 management system requirements, and have the accredited certificates of Kiwa & MEYER. Also we've GOST-R certificate. Our gen-sets have TS ISO 8528-5, TS EN 12601 product standard certificates. Applicable Codes & Standards: AS1359, CSA C22.2 No100-04, UL142, UL489, UL869, UL2200, NFPA37, NFPA99, NFPA110, IBC, IEC60034-1, ISO3046, ISO8528, NEMA MG1-22, NEMA MG1-3, 2006/95/EC, 2006/42/EC, 2004/108/EC.

ALTERNATOR

- INFINITY brushless 12 ends alternator
- Single bearing, flexible disc 4 poles alternator for harmonic failure
- H type isolation class
- IP 21-23 protection class, Self-excited
- Electronic automatic voltage regulator
- Stator 2/3 step for harmonic failure
- Leroy Somer, Stamford, SINCRO and Mecc Alte alternators are optional

OPTIONS TO ADD

- Charge ammeter
- Molded case circuit breaker (in automatic models)
- Hospital (critical) type silencer
- Sound-proof canopy
- Mobile - trailer
- Synchronization control panel for 2-6 gensets.
- 4 pole automatic transfer panel (A.T.S.)
- Fuel and oil heater
- Alternator heater
- Automatic fuel filling system
- Fuel-water separator filter

CANOPY

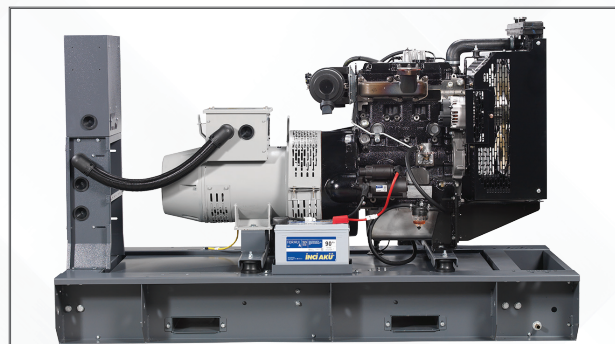
- Modular type sound-proof canopy
- Canopy installation executed with screw and nut, without welding process
- Epoxy and polyester powder painted canopy
- Canopy designed for easy maintenance
- Lockable doors on both sides of canopy
- Emergency stop button
- Transparent panel inspection window

AUTOMATIC CONTROL PANEL

- LCD display screen
- Battery charger
- Hardware and materials needed
- USB port & RS-485 output
- Deepsea Controllers & Sync Are Optional

GEN-SET SAFETY PROTECTION & ALARMS

- High water temperature
- Low oil pressure
- High & low engine speed
- Low radiator water level
- Over current load
- High & low genset voltage
- Start/stop failure



PERKINS Series Diesel Generator Sets 33-110 kVA

MODEL				IPG33P	IPG50P	IPG66P	IPG70P	IPG90P	IPG110P
GROUP	GEN - SET POWER	STAND BY	kVA	33	50	66	72	90	112
			kW	26,4	40	52,8	57,2	72	89,6
		PRIME	kVA	30	45	60	65	81	101
			kW	24	36	48	52	65	81,1
	CANOPY DIMENSION (W x L x H) mm			1000 x 2250 x 1540	1000 x 2250 x 1540	1000 x 2250 x 1540	1000 x 2600 x 1540	1000 x 2600 x 1540	1100 x 2800 x 1720
	CANOPY WEIGHT kg			1280	1385	1410	1485	1605	1610
	OPEN DIMENSION (W x L x H) mm			810 x 1700 x 1260	810 x 1770 x 1260	810 x 1800 x 1260	800 x 1960 x 1260	800 x 1960 x 1260	800 x 2050 x 1290
	OPEN WEIGHT kg			1000	1185	1210	1285	1305	1410
ENGINE	BRAND			PERKINS	PERKINS	PERKINS	PERKINS	PERKINS	PERKINS
	TYPE			1103A - 33G	1103A - 33TG1	1103A - 33TG2	1104A - 44TG1	1104A - 44TG2	1104C - 44TAG2
	POWER	STAND BY	kW	30,4	45,6	59,3	64,3	79,1	99,5
		PRIME	kW	27,7	41,3	53,8	58,4	71,9	90,1
	SPEED (rpm)			1500	1500	1500	1500	1500	1500
	CYCLE			4	4	4	4	4	4
	DISPLACEMENT (lt)			3,3	3,3	3,3	4,4	4,4	4,4
	NUMBER OF CYLINDERS			3 IN LINE	3 IN LINE	3 IN LINE	4 IN LINE	4 IN LINE	4 IN LINE
	BORE AND STROKE (mm x mm)			105 x 127	105 x 127	105 x 127	105 x 127	105 x 127	105 x 127
	COMPRESSION RATIO			19,25 : 1	17,25 : 1	17,25 : 1	17,25 : 1	17,25 : 1	18,2:1
	GOVERNOR TYPE			ROTARY TYPE PUMP					
	INDUCTION			NATURAL	TURBOCHARGED				TURBOCHARGED - AIR TO AIR CHARGE COOLED
	COMBUSTION SYSTEM			DIRECT INJECTION					
	COOLING SYSTEM			WATER					
	FUEL CONSUMPTION (lt/h)	100% OF PRIME POWER		7,20	10,80	13,90	14,80	18,70	22,60
		75% OF PRIME POWER		5,61	8,23	10,40	11,20	14,00	17,10
		50% OF PRIME POWER		4,06	5,83	7,20	8,00	9,70	11,20
TOTAL LUBRICATION SYSTEM CAPACITY (lt)			8,3	7,9	7,9	8	8	8	
COOLANT CAPACITY (L)			10,2	10,2	10,2	13	13	12.6	
FUEL TANK CAPACITY 8H			132	132	180	180	180	180	

INFINITYPOWER reserves the right to make changes in model, technical specifications, color, equipment & accessories without prior notice.

PERKINS 150-220 kVA Technical Specifications



ENGINE

- PERKINS series heavy duty diesel generator
- 4 cycle, water cooled, turbocharged / turbocharged & air to air charge cooled
- Direct injection
- Electronic governor system
- 12/24 volt self-starter and charger alternator
- Changeable air, fuel and oil filter
- Tropical type radiator
- Flexible fuel pipe
- Oil discharge valve and extension pipe
- Industrial type silencer, exhaust spiral or compensator
- Maintenance free battery
- Engine block water heater (in automatic models)
- Diesel gen-set maintenance and operating instructions and electrical circuit diagram

QUALITY STANDARD

Our gen-sets; VDE 0530, BS 4999, BS 5000, IEC 34, TS ISO 8528, TS EN 12601 are manufactured in accordance with the requirements of standards above. Our company fulfills ISO 9001:2008, ISO 14001:2004, OHSAS 18001:2007 management system requirements, and have the accredited certificates of Kiwa & MEYER. Also we've GOST-R certificate. Our gen-sets have TS ISO 8528-5, TS EN 12601 product standard certificates. Applicable Codes & Standards: AS1359, CSA C22.2 No100-04, UL142, UL489, UL869, UL2200, NFPA37, NFPA99, NFPA110, IBC/IEC60034-1, ISO3046, ISO8528, NEMA MG1-22, NEMA MG1-3, 2006/95/EC, 2006/42/EC, 2004/108/EC.

ALTERNATOR

- INFINITY brushless 12 ends alternator
- Single bearing, flexible disc 4 poles alternator for harmonic failure
- H type isolation class
- IP 21-23 protection class, Self-excited
- Electronic automatic voltage regulator
- Stator 2/3 step for harmonic failure
- Leroy Somer, Stamford, SINCRO and Mecc Alte alternators are optional

OPTIONS TO ADD

- Charge ammeter
- Molded case circuit breaker (in automatic models)
- Hospital (critical) type silencer
- Sound-proof canopy
- Mobile - trailer
- Synchronization control panel for 2-6 gensets.
- 4 pole automatic transfer panel (A.T.S.)
- Fuel and oil heater
- Alternator heater
- Automatic fuel filling system
- Fuel-water separator filter

CANOPY

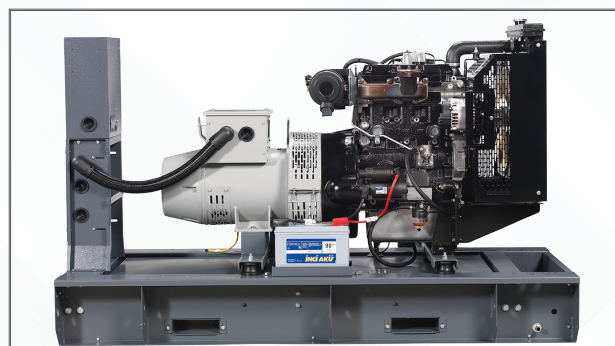
- Modular type sound-proof canopy
- Canopy installation executed with screw and nut, without welding process
- Epoxy and polyester powder painted canopy
- Canopy designed for easy maintenance
- Lockable doors on both sides of canopy
- Emergency stop button
- Transparent panel inspection window

AUTOMATIC CONTROL PANEL

- LCD display screen
- Battery charger
- Hardware and materials needed
- USB port & RS-485 output
- Deepsea Controllers & Sync Are Optional

GEN-SET SAFETY PROTECTION & ALARMS

- High water temperature
- Low oil pressure
- High & low engine speed
- Low radiator water level
- Over current load
- High & low genset voltage
- Start/stop failure



PERKINS Series Diesel Generator Sets 150-220 kVA

MODEL				IPG150P	IPG165P	IPG200P	IPG220P
GROUP	GEN - SET POWER	STAND BY	kVA	150	165	200	220
			kW	120	132	160	176
		PRIME	kVA	135	150	180	200
			kW	108	120	144	160
	CANOPY DIMENSION (W x L x H) mm			1100 x 3400 x 1800	1100 x 3400 x 1830	1100 x 3500 x 1830	1100 x 3500 x 1870
	CANOPY WEIGHT kg			1950	1970	2125	2130
	OPEN DIMENSION (W x L x H) mm			1100 x 2600 x 1690	820/950 x 2800 x 1530	820/950 x 2400 x 1580	820/950 x 2400 x 1580
	OPEN WEIGHT kg			1591	1611	1766	1771
ENGINE	BRAND			PERKINS	PERKINS	PERKINS	PERKINS
	TYPE			1106A - 70TG1	1106A - 70TAG2	1106A - 70TAG3	1106A - 70TAG4
	POWER	STAND BY	kW	131,4	144,1	175,2	191,3
		PRIME	kW	118,3	131	157,7	173,9
	SPEED (rpm)			1500	1500	1500	1500
	CYCLE			4	4	4	4
	DISPLACEMENT (lt)			7,01	7,01	7,01	7,01
	NUMBER OF CYLINDERS			6 IN LINE	6 IN LINE	6 IN LINE	6 IN LINE
	BORE AND STROKE (mm x mm)			105 x 135	105 x 135	105 x 135	105 x 135
	COMPRESSION RATIO			18,2 : 1	16:01	16:01	16:01
	GOVERNOR TYPE			ELECTRONIC			
	INDUCTION			TURBOCHARGED	TURBOCHARGED - AIR TO AIR CHARGE COOLED		
	COMBUSTION SYSTEM			DIRECT INJECTION			
	COOLING SYSTEM			WATER			
	FUEL CONSUMPTION (lt/h)	100% OF PRIME POWER		30,20	33,40	40,48	44,53
		75% OF PRIME POWER		22,70	24,70	29,94	32,93
		50% OF PRIME POWER		15,90	16,40	19,88	21,87
	TOTAL LUBRICATION SYSTEM CAPACITY (lt)			18,0	16,5	16,5	16,5
COOLANT CAPACITY (L)			21	21	21	21	
FUEL TANK CAPACITY 8H			280	280	380	380	

INFINITYPOWER reserves the right to make changes in model, technical specifications, color, equipment & accessories without prior notice.

PERKINS 250-330 kVA Technical Specifications



ENGINE

- PERKINS series heavy duty diesel generator
- 4 cycle, water cooled, turbocharged & air to air charge cooled
- Direct injection
- Electronic governor system
- 24 volt self-starter and charger alternator
- Changeable air, fuel and oil filter
- Tropical type radiator
- Flexible fuel pipe
- Oil discharge valve and extension pipe
- Industrial type silencer, exhaust spiral or compensator
- Maintenance free battery
- Engine block water heater (in automatic models)
- Diesel gen-set maintenance and operating instructions and electrical circuit diagram

QUALITY STANDARD

Our gen-sets; VDE 0530, BS 4999, BS 5000, IEC 34, TS ISO 8528, TS EN 12601 are manufactured in accordance with the requirements of standards above. Our company fulfills ISO 9001:2008, ISO 14001:2004, OHSAS 18001:2007 management system requirements, and have the accredited certificates of Kiwa & MEYER. Also we've GOST-R certificate. Our gen-sets have TS ISO 8528-5, TS EN 12601 product standard certificates. Applicable Codes & Standards: AS1359, CSA C22.2 No100-04, UL142, UL489, UL869, UL2200, NFPA37, NFPA99, NFPA110, IBC, IEC60034-1, ISO3046, ISO8528, NEMA MG1-22, NEMA MG1-3, 2006/95/EC, 2006/42/EC, 2004/108/EC.

ALTERNATOR

- INFINITY brushless 12 ends alternator
- Single bearing, flexible disc 4 poles alternator for harmonic failure
- H type isolation class
- IP 21-23 protection class, Self-excited
- Electronic automatic voltage regulator
- Stator 2/3 step for harmonic failure
- Leroy Somer, Stamford, SINCRO and Mecc Alte alternators are optional

OPTIONS TO ADD

- Charge ammeter
- Molded case circuit breaker (in automatic models)
- Hospital (critical) type silencer
- Sound-proof canopy
- Mobile - trailer
- Synchronization control panel for 2-6 gensets.
- 4 pole automatic transfer panel (A.T.S.)
- Fuel and oil heater
- Alternator heater
- Automatic fuel filling system
- Fuel-water separator filter

CANOPY

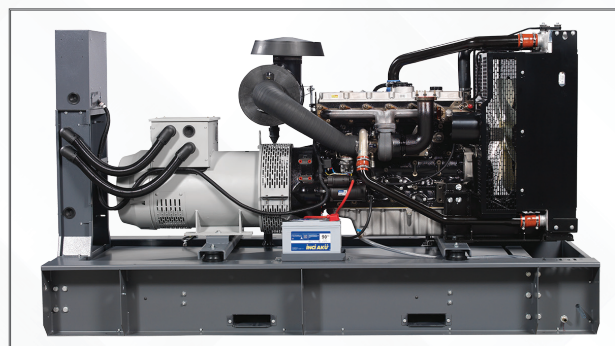
- Modular type sound-proof canopy
- Canopy installation executed with screw and nut, without welding process
- Epoxy and polyester powder painted canopy
- Canopy designed for easy maintenance
- Lockable doors on both sides of canopy
- Emergency stop button
- Transparent panel inspection window

AUTOMATIC CONTROL PANEL

- LCD display screen
- Battery charger
- Hardware and materials needed
- USB port & RS-485 output
- Deepsea Controllers & Sync Are Optional

GEN-SET SAFETY PROTECTION & ALARMS

- High water temperature
- Low oil pressure
- High & low engine speed
- Low radiator water level
- Over current load
- High & low genset voltage
- Start/stop failure



PERKINS Series Diesel Generator Sets 250-330 kVA

MODEL				IPG250P	IPG275P	IPG300P	IPG330P
GROUP	GEN - SET POWER	STAND BY	kVA	250	275	300	330
			kW	200	220	240	264
		PRIME	kVA	225	250	275	300
			kW	184	200	220	240
	CANOPY DIMENSION (W x L x H) mm			1250 x 3600 x 2050	1250 x 3600 x 2050	1500 x 3800 x 2230	1500 x 3800 x 2230
	CANOPY WEIGHT kg			2820	2820	4180	4350
	OPEN DIMENSION (W x L x H) mm			970 x 2400 x 1800	970 x 2400 x 1800	1140 x 3080 x 2030	1140 x 3100 x 2030
	OPEN WEIGHT kg			2340	2340	3280	3450
ENGINE	BRAND			PERKINS	PERKINS	PERKINS	PERKINS
	TYPE			1206A-E70TTAG2	1206A-E70TTAG3	1506A-E88TAG4	1506A-E88TAG5
	POWER	STAND BY	kW	222	248	267	293
		PRIME	kW	204	226	244	267
	SPEED (rpm)			1500	1500	1500	1500
	CYCLE			4	4	4	4
	DISPLACEMENT (lt)			7,01	7,01	8,8	8,8
	NUMBER OF CYLINDERS			6 IN LINE	6 IN LINE	6 IN LINE	6 IN LINE
	BORE AND STROKE (mm x mm)			105 x 135	105 x 135	112 x 149	112 x 149
	COMPRESSION RATIO			15,8	15,8	16,1 : 1	16,1 :1
	GOVERNOR TYPE			ELECTRONIC			
	INDUCTION			TURBOCHARGED – AIR TO AIR CHARGE COOLED			
	COMBUSTION SYSTEM			DIRECT INJECTION			
	COOLING SYSTEM			WATER			
	FUEL CONSUMPTION (lt/h)	100% OF PRIME POWER		50,91	56,00	60,00	65,00
		75% OF PRIME POWER		38,18	42,00	46,00	48,00
		50% OF PRIME POWER		25	28	32,20	33,00
	TOTAL LUBRICATION SYSTEM CAPACITY (lt)			25	25	41	41
	COOLANT CAPACITY (L)			11	11	11	21
	FUEL TANK CAPACITY 8H			580	580	580	580

INFINITYPOWER reserves the right to make changes in model, technical specifications, color, equipment & accessories without prior notice.

PERKINS 400-550 kVA Technical Specifications



ENGINE

- PERKINS series heavy duty diesel generator
- 4 cycle, water cooled, turbocharged & air to air charge cooled
- Direct injection
- Electronic governor system
- 24 volt self-starter and charger alternator
- Changeable air, fuel and oil filter
- Tropical type radiator
- Flexible fuel pipe
- Oil discharge valve and extension pipe
- Industrial type silencer, exhaust spiral or compensator
- Maintenance free battery
- Engine block water heater (in automatic models)
- Diesel gen-set maintenance and operating instructions and electrical circuit diagram

QUALITY STANDARD

Our gen-sets; VDE 0530, BS 4999, BS 5000, IEC 34, TS ISO 8528, TS EN 12601 are manufactured in accordance with the requirements of standards above. Our company fulfills ISO 9001:2008, ISO 14001:2004, OHSAS 18001:2007 management system requirements, and have the accredited certificates of Kiwa & MEYER. Also we've GOST-R certificate. Our gen-sets have TS ISO 8528-5, TS EN 12601 product standard certificates. Applicable Codes & Standards: AS1359, CSA C22.2 No100-04, UL142, UL489, UL869, UL2200, NFPA37, NFPA99, NFPA110, IBC, IEC60034-1, ISO3046, ISO8528, NEMA MG1-22, NEMA MG1-3, 2006/95/EC, 2006/42/EC, 2004/108/EC.

ALTERNATOR

- INFINITY brushless 12 ends alternator
- Single bearing, flexible disc 4 poles alternator for harmonic failure
- H type isolation class
- IP 21-23 protection class, Self-excited
- Electronic automatic voltage regulator
- Stator 2/3 step for harmonic failure
- Leroy Somer, Stamford, SINCRO and Mecc Alte alternators are optional

OPTIONS TO ADD

- Charge ammeter
- Molded case circuit breaker (in automatic models)
- Hospital (critical) type silencer
- Sound-proof canopy
- Mobile - trailer
- Synchronization control panel for 2-6 gensets.
- 4 pole automatic transfer panel (A.T.S.)
- Fuel and oil heater
- Alternator heater
- Automatic fuel filling system
- Fuel-water separator filter

CANOPY

- Modular type sound-proof canopy
- Canopy installation executed with screw and nut, without welding process
- Epoxy and polyester powder painted canopy
- Canopy designed for easy maintenance
- Lockable doors on both sides of canopy
- Emergency stop button
- Transparent panel inspection window

AUTOMATIC CONTROL PANEL

- LCD display screen
- Battery charger
- Hardware and materials needed
- USB port & RS-485 output
- Deepsea Controllers & Sync Are Optional

GEN-SET SAFETY PROTECTION & ALARMS

- High water temperature
- Low oil pressure
- High & low engine speed
- Low radiator water level
- Over current load
- High & low genset voltage
- Start/stop failure



PERKINS Series Diesel Generator Sets 400-550 kVA

MODEL				IPG400P	IPG450P	IPG500P	IPG550P
GROUP	GEN - SET POWER	STAND BY	kVA	400	450	500	550
			kW	320	360	400	440
		PRIME	kVA	350	400	455	500
			kW	280	320	364	400
	CANOPY DIMENSION (W x L x H) mm			1500 x 4000 x 2260	1500 x 4000 x 2260	1900 x 4000 x 2350	1900 x 4000 x 2350
	CANOPY WEIGHT kg			3900	4100	5380	5430
	OPEN DIMENSION (W x L x H) mm			1145 x 3260 x 2100	1145 x 3260 x 2100	1550 x 3250 x 2220	1550 x 3340 x 2250
	OPEN WEIGHT kg			3200	3400	4530	4600
ENGINE	BRAND			PERKINS	PERKINS	PERKINS	PERKINS
	TYPE			2206A - E13TAG2	2206A - E13TAG3	2506A - E15TAG1	2506A - E15TAG2
	POWER	STAND BY	kW	349	392	435	478
		PRIME	kW	305	349	396	435
	SPEED (rpm)			1500	1500	1500	1500
	CYCLE			4	4	4	4
	DISPLACEMENT (lt)			12,5	12,5	15,2	15,2
	NUMBER OF CYLINDERS			6 IN LINE	6 IN LINE	6 IN LINE	6 IN LINE
	BORE AND STROKE (mm x mm)			130 x 157	130 x 157	137 x 171	137 x 171
	COMPRESSION RATIO			16,3 : 1	16,3 : 1	16,0:1	16,0:1
	GOVERNOR TYPE			ELECTRONIC			
	INDUCTION			TURBOCHARGED - AIR TO AIR CHARGE COOLED			
	COMBUSTION SYSTEM			DIRECT INJECTION			
	COOLING SYSTEM			WATER			
	FUEL CONSUMPTION (lt/h)	100% OF PRIME POWER		75,00	85,00	99,00	106,00
		75% OF PRIME POWER		58,00	65,00	73,00	81,00
		50% OF PRIME POWER		40,00	46,00	51,00	55,00
	TOTAL LUBRICATION SYSTEM CAPACITY (lt)			40	40	62	62
	COOLANT CAPACITY (L)			51,4	51,4	58	58
	FUEL TANK CAPACITY 8H			970	970	970	970

INFINITYPOWER reserves the right to make changes in model, technical specifications, color, equipment & accessories without prior notice.

PERKINS 650-785 kVA Technical Specifications



ENGINE

- PERKINS series heavy duty diesel generator
- 4 cycle, water cooled, turbocharged & air to air charge cooled
- Direct injection
- Electronic governor system
- 24 volt self-starter and charger alternator
- Changeable air, fuel and oil filter
- Tropical type radiator
- Flexible fuel pipe
- Oil discharge valve and extension pipe
- Industrial type silencer, exhaust spiral or compensator
- Maintenance free battery
- Engine block water heater (in automatic models)
- Diesel gen-set maintenance and operating instructions and electrical circuit diagram

QUALITY STANDARD

Our gen-sets; VDE 0530, BS 4999, BS 5000, IEC 34, TS ISO 8528, TS EN 12601 are manufactured in accordance with the requirements of standards above. Our company fulfills ISO 9001:2008, ISO 14001:2004, OHSAS 18001:2007 management system requirements, and have the accredited certificates of Kiwa & MEYER. Also we've GOST-R certificate. Our gen-sets have TS ISO 8528-5, TS EN 12601 product standard certificates. Applicable Codes & Standards: AS1359, CSA C22.2 No100-04, UL142, UL489, UL869, UL2200, NFPA37, NFPA99, NFPA110, IBC, IEC60034-1, ISO3046, ISO8528, NEMA MG1-22, NEMA MG1-3, 2006/95/EC, 2006/42/EC, 2004/108/EC.

ALTERNATOR

- INFINITY brushless 12 ends alternator
- Single bearing, flexible disc 4 poles alternator for harmonic failure
- H type isolation class
- IP 21-23 protection class, Self-excited
- Electronic automatic voltage regulator
- Stator 2/3 step for harmonic failure
- Leroy Somer, Stamford, SINCRO and Mecc Alte alternators are optional

OPTIONS TO ADD

- Charge ammeter
- Molded case circuit breaker (in automatic models)
- Hospital (critical) type silencer
- Sound-proof canopy
- Mobile - trailer
- Synchronization control panel for 2-6 gensets.
- 4 pole automatic transfer panel (A.T.S.)
- Fuel and oil heater
- Alternator heater
- Automatic fuel filling system
- Fuel-water separator filter

CANOPY

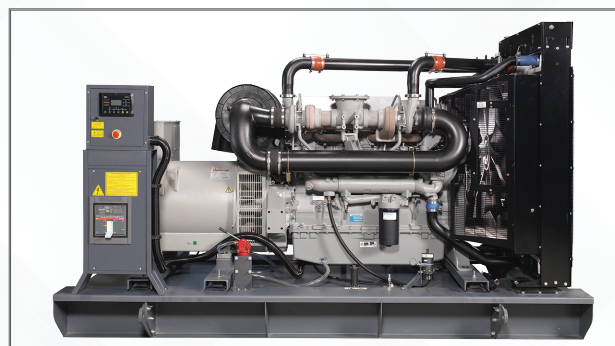
- Modular type sound-proof canopy
- Canopy installation executed with screw and nut, without welding process
- Epoxy and polyester powder painted canopy
- Canopy designed for easy maintenance
- Lockable doors on both sides of canopy
- Emergency stop button
- Transparent panel inspection window

AUTOMATIC CONTROL PANEL

- LCD display screen
- Battery charger
- Hardware and materials needed
- USB port & RS-485 output
- Deepsea Controllers & Sync Are Optional

GEN-SET SAFETY PROTECTION & ALARMS

- High water temperature
- Low oil pressure
- High & low engine speed
- Low radiator water level
- Over current load
- High & low genset voltage
- Start/stop failure



PERKINS Series Diesel Generator Sets 650-785 kVA

MODEL				IPG650P	IPG700P	IPG785P
GROUP	GEN - SET POWER	STAND BY	kVA	650	700	785
			kW	520	560	628
		PRIME	kVA	591	650	715
			kW	472,8	520	572
	CANOPY DIMENSION (W x L x H) mm			2280 x 5800 x 2500	2280 x 5800 x 2500	2280 x 5800 x 3000
	CANOPY WEIGHT kg			7740	8780	8800
	OPEN DIMENSION (W x L x H) mm			1720 x 4080 x 2520	1720 x 4080 x 2520	1720 x 4080 x 2520
	OPEN WEIGHT kg			5720	5780	5800
ENGINE	BRAND			PERKINS	PERKINS	PERKINS
	TYPE			2806A - E18TAG1A	2806A - E18TAG2	2806A-E18TTAG4
	POWER	STAND BY	kW	565	609	685
		PRIME	kW	514	565	623
	SPEED (rpm)			1500	1500	1500
	CYCLE			4	4	4
	DISPLACEMENT (lt)			18,1	18,1	18,1
	NUMBER OF CYLINDERS			6 IN LINE	6 IN LINE	6 IN LINE
	BORE AND STROKE (mm x mm)			145 x 183	145 x 183	145 x 183
	COMPRESSION RATIO			14,5 : 1	14,5 : 1	14 : 1
	GOVERNOR TYPE			ELECTRONIC		
	INDUCTION			TURBOCHARGED - AIR TO AIR CHARGE COOLED		
	COMBUSTION SYSTEM			DIRECT INJECTION		
	COOLING SYSTEM			WATER		
	FUEL CONSUMPTION (lt/h)	100% OF PRIME POWER		126,00	132,00	162,00
		75% OF PRIME POWER		96,00	97,00	147,00
		50% OF PRIME POWER		63,00	66,00	109,00
	TOTAL LUBRICATION SYSTEM CAPACITY (lt)			62	62	75
	COOLANT CAPACITY (L)			61	61	61
	FUEL TANK CAPACITY 8H			1100	1100	1100

INFINITYPOWER reserves the right to make changes in model, technical specifications, color, equipment & accessories without prior notice.

PERKINS 850-1125 kVA Technical Specifications



ENGINE

- PERKINS Series heavy duty diesel generator
- 4 cycle, water cooled, turbocharged & air to air charge cooled
- Direct injection
- Electronic governor system
- 24 volt self-starter and charger alternator
- Changeable air, fuel and oil filter
- Tropical type radiator
- Flexible fuel pipe
- Oil discharge valve and extension pipe
- Industrial type silencer, exhaust spiral or compensator
- Maintenance free battery
- Engine block water heater (in automatic models)
- Diesel gen-set maintenance and operating instructions and electrical circuit diagram

QUALITY STANDARD

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ALTERNATOR

- INFINITY brushless 12 ends alternator
- Single bearing, flexible disc 4 poles alternator for harmonic failure
- H type isolation class
- IP 21-23 protection class, Self-excited
- Electronic automatic voltage regulator
- Stator 2/3 step for harmonic failure
- Leroy Somer, Stamford, SINCRO and Mecc Alte alternators are optional

OPTIONS TO ADD

- Charge ammeter
- Molded case circuit breaker (in automatic models)
- Hospital (critical) type silencer
- Sound-proof canopy
- Mobile - trailer
- Synchronization control panel for 2-6 gensets.
- 4 pole automatic transfer panel (A.T.S.)
- Fuel and oil heater
- Alternator heater
- Automatic fuel filling system
- Fuel-water separator filter

CANOPY

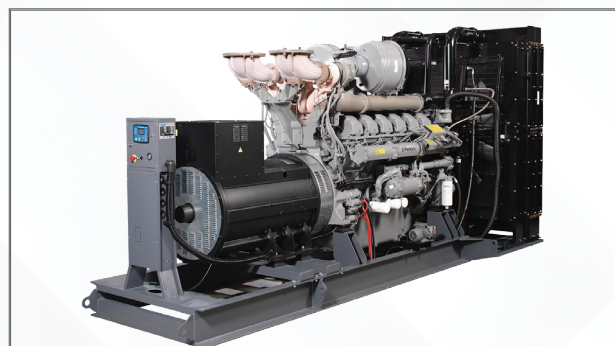
- Modular type sound-proof canopy
- Canopy installation executed with screw and nut, without welding process
- Epoxy and polyester powder painted canopy
- Canopy designed for easy maintenance
- Lockable doors on both sides of canopy
- Emergency stop button
- Transparent panel inspection window

AUTOMATIC CONTROL PANEL

- LCD display screen
- Battery charger
- Hardware and materials needed
- USB port & RS-485 output
- Deepsea Controllers & Sync Are Optional

GEN-SET SAFETY PROTECTION & ALARMS

- High water temperature
- Low oil pressure
- High & low engine speed
- Low radiator water level
- Over current load
- High & low genset voltage
- Start/stop failure



PERKINS Series Diesel Generator Sets 850-1125 kVA

MODEL				IPG850P	IPG900P	IPG1000P	IPG1125P
GROUP	GEN - SET POWER	STAND BY	kVA	850	900	1002	1125
			kW	680	720	802	900
		PRIME	kVA	770	800	911	1022
			kW	620	640	729	818
	CANOPY DIMENSION (W x L x H) mm			1900 x 5290 x 3640	2280 x 5800 x 2500	2280 x 5800 x 2500	2430 x 6500 x 2800
	CANOPY WEIGHT kg			7600	11080	11750	11750
	OPEN DIMENSION (W x L x H) mm			1800 x 4350 x 2765	2140 x 4600 x 2520	2140 x 4600 x 2520	2200 x 4800 x 2820
	OPEN WEIGHT kg			6900	6900	7600	7600
ENGINE	BRAND			PERKINS	PERKINS	PERKINS	PERKINS
	TYPE			2806A-E18TTAG5	4006 - 23TAG3A	4008TAG1A	4008TAG2A
	POWER	STAND BY	kW	739	760	844	947
		PRIME	kW	671	679	767	861
	SPEED (rpm)			1500	1500	1500	1500
	CYCLE			4	4	4	4
	DISPLACEMENT (lt)			18,100	22,921	30,561	30,561
	NUMBER OF CYLINDERS			6 IN LINE	6 IN LINE	8 IN LINE	8 IN LINE
	BORE AND STROKE (mm x mm)			145 x 183	160 x 190	160 x 190	160 x 190
	COMPRESSION RATIO			14 : 1	13,6 : 1	13,6 : 1	13,6 : 1
	GOVERNOR TYPE			ELECTRONIC			
	INDUCTION			TURBOCHARGED – AIR TO AIR CHARGE COOLED			
	COMBUSTION SYSTEM			DIRECT INJECTION			
	COOLING SYSTEM			WATER			
	FUEL CONSUMPTION (lt/h)	100% OF PRIME POWER		162,00	172,00	195,00	215,00
		75% OF PRIME POWER		118,00	130,00	143,00	162,00
		50% OF PRIME POWER		80,00	90,00	98,00	111,00
	TOTAL LUBRICATION SYSTEM CAPACITY (lt)			110,00	113,4	153	153
COOLANT CAPACITY (L)			105	105	149	162	
FUEL TANK CAPACITY 8H			1600	1600	1725	1950	

INFINITYPOWER reserves the right to make changes in model, technical specifications, color, equipment & accessories without prior notice.

PERKINS 1250-1880 kVA Technical Specifications



ENGINE

- PERKINS series heavy duty diesel generator
- 4 cycle, water cooled, turbocharged & air to air charge cooled/ turbocharged & air to water charge cooled.
- Direct injection
- Electronic governor system
- 24 volt self-starter and charger alternator
- Changeable air, fuel and oil filter
- Tropical type radiator
- Flexible fuel pipe
- Oil discharge valve and extension pipe
- Industrial type silencer, exhaust spiral or compensator
- Maintenance free battery
- Engine block water heater (in automatic models)
- Diesel gen-set maintenance and operating instructions and electrical circuit diagram

QUALITY STANDARD

Our gen-sets; VDE 0530, BS 4999, BS 5000, IEC 34, TS ISO 8528, TS EN 12601 are manufactured in accordance with the requirements of standards above. Our company fulfills ISO 9001:2008, ISO 14001:2004, OHSAS 18001:2007 management system requirements, and have the accredited certificates of Kiwa & MEYER. Also we've GOST-R certificate. Our gen-sets have TS ISO 8528-5, TS EN 12601 product standard certificates. Applicable Codes & Standards: AS1359, CSA C22.2 No100-04, UL142, UL489, UL869, UL2200, NFPA37, NFPA99, NFPA110, IBC/IEC60034-1, ISO3046, ISO8528, NEMA MG1-22, NEMA MG1-3, 2006/95/EC, 2006/42/EC, 2004/108/EC.

ALTERNATOR

- INFINITY brushless 12 ends alternator
- Single bearing, flexible disc 4 poles alternator for harmonic failure
- H type isolation class
- IP 21-23 protection class, Self-excited
- Electronic automatic voltage regulator
- Stator 2/3 step for harmonic failure
- Leroy Somer, Stamford, SINCRO and Mecc Alte alternators are optional

OPTIONS TO ADD

- Charge ammeter
- Molded case circuit breaker (in automatic models)
- Hospital (critical) type silencer
- Sound-proof canopy
- Mobile - trailer
- Synchronization control panel for 2-6 gensets.
- 4 pole automatic transfer panel (A.T.S.)
- Fuel and oil heater
- Alternator heater
- Automatic fuel filling system
- Fuel-water separator filter

CANOPY

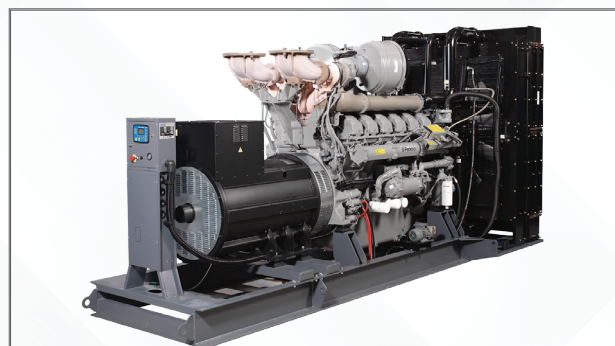
- Modular type sound-proof canopy
- Canopy installation executed with screw and nut, without welding process
- Epoxy and polyester powder painted canopy
- Canopy designed for easy maintenance
- Lockable doors on both sides of canopy
- Emergency stop button
- Transparent panel inspection window

AUTOMATIC CONTROL PANEL

- LCD display screen
- Battery charger
- Hardware and materials needed
- USB port & RS-485 output
- Deepsea Controllers & Sync Are Optional

GEN-SET SAFETY PROTECTION & ALARMS

- High water temperature
- Low oil pressure
- High & low engine speed
- Low radiator water level
- Over current load
- High & low genset voltage
- Start/stop failure



PERKINS Series Diesel Generator Sets 1250-1880 kVA

MODEL				IPG1250P	IPG1385P	IPG1500P	IPG1650P	IPG1880P
GROUP	GEN - SET POWER	STAND BY	kVA	1250	1385	1500	1656	1880
			kW	1000	1108	1200	1325	1504
		PRIME	kVA	1125	1250	1350	1505	1710
			kW	900	1000	1092	1204	1368
	CANOPY DIMENSION (W x L x H) mm			N/A	N/A	N/A	N/A	N/A
	CANOPY WEIGHT kg			N/A	N/A	N/A	N/A	N/A
	OPEN DIMENSION (W x L x H) mm			2200 x 4900 x 2460	2200 x 4900 x 2830	2150 x 5800 x 2830	2160 x 5200 x 2830	2200 x 5800 x 2830
	OPEN WEIGHT kg			7850	9080	9080	10453	10784
ENGINE	BRAND			PERKINS	PERKINS	PERKINS	PERKINS	PERKINS
	TYPE			4008-30TAG3	4012 - 46TWG2A	4012 - 46TAG2A	4012 - 46TAG2A	4012 - 46TAG3A
	POWER	STAND BY	kW	1053	1166	1263	1395	1583
		PRIME	kW	974	1055	1149	1267	1440
	SPEED (rpm)			1500	1500	1500	1500	1500
	CYCLE			4	4	4	4	4
	DISPLACEMENT (lt)			30,561	45,842	45,842	45,842	45,842
	NUMBER OF CYLINDERS			8 INLINE	12 - 60° V	12 - 60° V	12 - 60° V	12 - 60° V
	BORE AND STROKE (mm x mm)			160 x 190	160 x 190	160 x 190	160 x 190	160 x 190
	COMPRESSION RATIO			13,1:1	13,6:1	13,6:1	13,6:1	13,6:1
	GOVERNOR TYPE			ELECTRONIC				
	INDUCTION			TURBOCHARGED - AIR TO WATER CHARGE COOLED				
	COMBUSTION SYSTEM			DIRECT INJECTION				
	COOLING SYSTEM			WATER				
	FUEL CONSUMPTION (lt/h)	100% OF PRIME POWER		244,00	259,00	283,00	310,00	370,00
		75% OF PRIME POWER		188,00	196,00	213,00	234,00	275,00
		50% OF PRIME POWER		120,00	143,00	151,00	157,00	187,00
	TOTAL LUBRICATION SYSTEM CAPACITY (lt)			153	177	177	177	177
	COOLANT CAPACITY (L)			196	196	207	207	316
	FUEL TANK CAPACITY 8H			2500	2500	2500	3000	3000

INFINITYPOWER reserves the right to make changes in model, technical specifications, color, equipment & accessories without prior notice.

PERKINS 2028-2500 kVA Technical Specifications



ENGINE

- PERKINS series heavy duty diesel generator
- 4 cycle, water cooled, turbocharged & air to air charge cooled/ turbocharged & air to water charge cooled.
- Direct injection
- Electronic governor system
- 24 volt self-starter and charger alternator
- Changeable air, fuel and oil filter
- Tropical type radiator
- Flexible fuel pipe
- Oil discharge valve and extension pipe
- Industrial type silencer, exhaust spiral or compensator
- Maintenance free battery
- Engine block water heater (in automatic models)
- Diesel gen-set maintenance and operating instructions and electrical circuit diagram

QUALITY STANDARD

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ALTERNATOR

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- H type isolation class
- IP 21-23 protection class, Self-excited
- Electronic automatic voltage regulator
- Stator 2/3 step for harmonic failure
- Leroy Somer, Stamford, SINCRO and Mecc Alte alternators are optional

OPTIONS TO ADD

- Charge ammeter
- Molded case circuit breaker (in automatic models)
- Hospital (critical) type silencer
- Sound-proof canopy
- Mobile - trailer
- Synchronization control panel for 2-6 gensets.
- 4 pole automatic transfer panel (A.T.S.)
- Fuel and oil heater
- Alternator heater
- Automatic fuel filling system
- Fuel-water separator filter

CANOPY

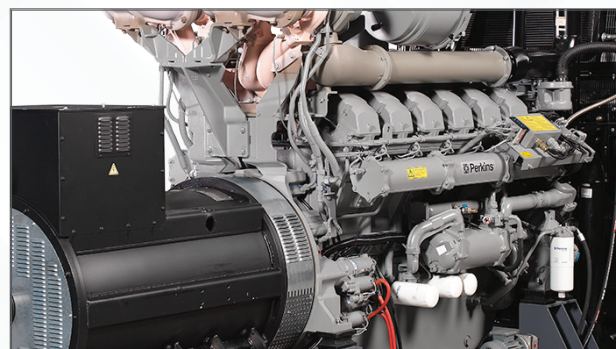
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- Canopy designed for easy maintenance
- Lockable doors on both sides of canopy
- Emergency stop button
- Transparent panel inspection window

AUTOMATIC CONTROL PANEL

- LCD display screen
- Battery charger
- Hardware and materials needed
- USB port & RS-485 output
- Deepsea Controllers & Sync Are Optional

GEN-SET SAFETY PROTECTION & ALARMS

- High water temperature
- Low oil pressure
- High & low engine speed
- Low radiator water level
- Over current load
- High & low genset voltage
- Start/stop failure



PERKINS Series Diesel Generator Sets 2028-2500 kVA

MODEL				IPG2028P	IPG2264P	IPG2500P
GROUP	GEN - SET POWER	STAND BY	kVA	2028	2264	2500
			kW	1622	1811	2000
		PRIME	kVA	1844	2058	2250
			kW	1476	1646	1800
	CANOPY DIMENSION (W x L x H) mm			N/A	N/A	N/A
	CANOPY WEIGHT kg			N/A	N/A	N/A
	OPEN DIMENSION (W x L x H) mm			2150 x 5800 x 3178	2360 x 5800 x 3178	2360 x 5800 x 3178
	OPEN WEIGHT kg			10600	12550	12750
ENGINE	BRAND			PERKINS	PERKINS	PERKINS
	TYPE			4016TAG1A	4016TAG2A	4016 - 61TRG3
	POWER	STAND BY	kW	1690	1886	2083
		PRIME	kW	1537	1715	1875
	SPEED (rpm)			1500	1500	1500
	CYCLE			4	4	4
	DISPLACEMENT (lt)			61,123	61,123	61,123
	NUMBER OF CYLINDERS			16 - 60° V	16 - 60° V	16 - 60° V
	BORE AND STROKE (mm x mm)			160 x 190	160 x 190	160 x 190
	COMPRESSION RATIO			13,6 : 1	13,6 : 1	13,6:1
	GOVERNOR TYPE			ELECTRONIC		
	INDUCTION			TURBOCHARGED - AIR TO AIR CHARGE COOLED		
	COMBUSTION SYSTEM			DIRECT INJECTION		
	COOLING SYSTEM			WATER	WATER	REMOTE RADIATOR
	FUEL CONSUMPTION (lt/h)	100% OF PRIME POWER		370,69	421,69	470,00
		75% OF PRIME POWER		268,52	307,19	344,00
		50% OF PRIME POWER		179,02	203,78	234,00
	TOTAL LUBRICATION SYSTEM CAPACITY (lt)			237,2	237,2	237,2
	COOLANT CAPACITY (L)			316	316	260
	FUEL TANK CAPACITY 8H			3500	3500	4000

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Portable Inverter Generator Set 1-9.5kVA

Clean and reliable power for sensitive electronic equipment

Advanced inverter technology ensures clean and stable power output from such compact power package. The wave distortion is less than 2%, so the unit can meet G2 standard.

There's anti electromagnetic interference device in the circuit to ensure clean output.

Fuel efficient ensures long time running

The engine speed is variable with real time load, which greatly decreased the fuel consumption and emission.

Super quiet running

Infinity Power inverter genset is much quieter than the conventional generator. It's the ideal power for the camping, RV and any situation demands quiet running.

Stronger power and excellent sudden load performance

Infinity Power inverter gensets features stronger power. The sudden load performance is excellent enough to load some impact load, such as drill, jump bit, cutter bar etc garden machinery.

Lightweight and compact

The unit design is compact and lightweight. Some models are equipped with wheels and handles. It's easy to access the service parts thanks to the unique connection between the engine and modular design of the canopy. Accordingly, the vibration and noise is greatly reduced.

To meet the different demands of customers, we provide open frame and silent two kinds of structure for customer choose. Open frame genset is more portable.

Simple operation and easy service

The control panel indicates the real time voltage, frequency, power and running hours. That makes operator easily knows the unit running information and service time.

There's USB 5V output terminal in the control panel for charging mobile electronic devices.

To ensure operator's safety, there's optional GFCI receptacle in the control panel for North America market, and there's circuit breaker for other market.

Portable Inverter Generator Set 1-9.5kVA

Model	Power(KVA)				Gasoline Engine		Phase No.	Fuel tank (L)	Noise db(A)/7m	Dimension L*W*H (mm)	Net weight (kg)
	50Hz		60Hz		Model	Dispalcement (ml)					
	Rated	Max	Rated	Max							
IPG1.0INV	0.9	1	0.9	1	144F	53.5	Single	2.1	61.6	480x260x380	14.8
IPG2.0INV	1.8	2	1.8	2	160F	113.5	Single	3.5	63.5	535x280x435	22.2
IPG3.0INV	2.8	3	2.8	3	MK165Fi	149	Single	5.6	71	535x365x525	23/25
IPG3.7INV	3.5	3.7	3.5	3.7	MK170FP	223	Single	10	73	625x485x570	43/45
IPG5.5INV	5	5.5	5	5.5	MK172Fi	236	Single	10	78	625x485x570	45/47
IPG7.5INV	7.1	7.4	7.1	7.4	JD190F	419	Single/Three	21	69	730x670x639	78.4
IPG9.5INV	9	9.8	9	9.8	KM194FD	485	Single	32	72	910x675x810	120/135





Portable Diesel Generator Set 2.8-14kVA

Reliable and cost-effective power

The genset is powered with single cylinder air-cooled four stroke diesel or V-twin air-cooled diesel, or V-twin water cooled diesel and In-line air cooled diesel.

The engine features compact structure, high reliability and durability. Superior low fuel consumption, low noise and low vibration.

Strong starting ability

Infinity Power provide optional advanced AVR and alternator to achieve strong starting performance, so the genset will easily start air conditioner and pump etc equipment.

Lightweight and compact structure easy for handling

The wheels and handles are easier for handling.

Super silent running

Unique design of the canopy and quality engine ensures super silent running to give you a comfortable running environment.

Easy maintenance and operation

It's easy to access the filters and other parts. The fuel gauge and low oil alarm system make the running safe. Optional digital control panel indicates the real time running data of the generator.

Wide power range meets all of your backup power demand

Infinity Power portable generator ranges from 2kVA to 15kVA, which is widely applied for many equipment or appliances.

Portable Diesel Generator Set 2.8-14kVA

Model	Power(KVA)				Diesel Engine	Phase No.	Fuel tank (L)	Noise db(A)/7m	Dimension L*W*H (mm)	Net weight (kg)
	50Hz/3000rpm		60Hz/3600rpm		Model					
	Prime	Standby	Prime	Standby						
IPG2.8X	2.5	2.8	2.8	3.1	YD173FA	Single	12	77	655×475×605	51/63
IPG3.3X	3	3.3	3.3	3.6	YD178FA	Single	12	78	690×490×650	74/86
IPG3.3T	3	3.3	3.3	3.6	YD178FA	Single	14.5	72	950×550×743	132
IPG5.0X	4.5	5	5	5.5	YD186FA	Single	12	80	750×510×710	91/106
IPG6.0X3	5.5	6	6.3	7	YD186FA	Three	12	80	750×510×710	91/106
IPG5.0T	4.5	5	5	5.5	YD186FAG	Single	14.5	72	915×525×685	155
IPG6.0T3	5.5	6	6.3	7	YD186FA	Three	14.5	72	910×532×740	155
IPG5.5X	5	5.5	5.5	6	YD188FA	Single	12.5	80	750×510×710	106
IPG6.9X3	6.3	6.9	6.9	7.5	YD188FA	Three	12.5	80	750×510×710	106
IPG5.5T	5	5.5	5.5	6	YD188FA	Single	14.5	74	955×525×680	155
IPG6.9T3	6.3	6.9	6.9	7.5	YD188FA	Three	14.5	74	950×550×743	155
IPG6.5X	6	6.5	6.5	7	YD192FA	Single	12.5	82	720×485×600	115
IPG8.2X3	7.5	8.2	8.2	9	YD192FA	Three	12.5	82	750×510×710	111
IPG6.5T	6	6.5	6.5	7	YD192FA	Single	14.5	72	950×550×743	160
IPG8.2T3	7.5	8.2	8.2	9	YD192FA	Three	14.5	72	950×550×743	160
IPG8.2	7.5	8.2	N/A	N/A	YD1100FE	Single	25	82	805×610×775	160
IPG10X	9	10	9.5	10.5	EV80	Single	34	85	1060×660×750	310
IPG12X3	11	12	11.5	12.5	EV80	Three	34	85	1060×660×750	310
IPG10T	9	10	9.5	10.5	EV80	Single	26	72	1200×650×760	330
IPG12T3	11	12	11.5	12.5	EV80	Three	26	72	1200×650×760	330
IPG11X	10	11	11	12	YD2V88F	Single	25	82	1000×630×700	255
IPG13X3	12	13	13	14	YD2V88F	Three	25	82	1000×630×700	255
IPG11T	10	11	11	12	YD2V88F	Single	25	70	1095×650×780	260
IPG13T3	12	13	13	14	YD2V88F	Three	25	70	1095×650×780	260
IPG12T	11	12	12	13	YD2V92F	Single	25	70	1095×650×780	260
IPG14T3	13	14	14	15	YD2V92F	Three	25	70	1095×650×780	260

New super powerful generator with high starting current

IPG5.0TD	4.5	5	5	5.5	YD186FA	Single	14.5	72	950×550×743	155
IPG6.0TD3	5.5	6	6.3	7	YD186FA	Three	14.5	72	950×550×743	155
IPG5.5TD	5	5.5	5.5	6	YD188FA	Single	14.5	74	950×550×743	155
IPG6.9TD3	6.3	6.9	6.9	7.5	YD188FA	Three	14.5	74	950×550×743	155
IPG6.5TD	6	6.5	6.5	7	YD192FAG	Single	14.5	74	955×525×680	170
IPG8.2TD3	7.5	8.2	8.2	9	YD192FA	Three	14.5	72	950×550×743	160
IPG8.2TD	7.5	8.2	8.2	9	YD192FA	Single	14.5	72	950×550×743	160
IPG10TD3	9.4	7.5	10.4	8.3	YDE11000TD3	Three	25	76	1000×730×790	160

Super Silent Type

IPG5.0T5	4.5	5	5	5.5	YD188FA	Single	14.5	50	830×640×705	178
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Portable Gasoline Generator Set 2.5-35kVA

Reliable and Cost-Effective Power

The genset is powered with a single-cylinder air-cooled four-stroke gasoline engine, or a V-twin air-cooled gasoline engine, or a V-twin water-cooled gasoline engine, and in-line air-cooled gasoline engine. The engine features a compact structure, high reliability, and durability. It offers superior low fuel consumption, low noise, and low vibration.

Strong Starting Ability

Infinity Power provides an optional advanced AVR and alternator to achieve strong starting performance, so the genset will easily start air conditioners, pumps, and other equipment.

Lightweight and Compact Structure

The wheels and handles make it easier to handle. The unique design of the canopy and quality engine ensures super silent running, giving you a comfortable operating environment.

Easy Maintenance and Operation

It's easy to access the filters and other parts. The fuel gauge and low oil alarm system make the running safe. An optional digital control panel indicates the real-time running data of the generator.

Wide Power Range

Infinity Power portable gasoline generators range from 2.2kVA to 30kVA, which are widely applied for many types of equipment and appliances.

Portable Gasoline Generator Set 2.5-35kVA

Model	Power(KVA)				Diesel Engine	Phase No.	Fuel tank (L)	Noise db(A)/7m	Dimension L*W*H (mm)	Net weight (kg)
	50Hz/3000rpm		60Hz/3600rpm		Model					
	Prime	Standby	Prime	Standby						
IPG2.5G	2.3	2.5	2.5	2.7	SR210	Single	15	68	600×455×460	43
IPG3G	2.7	3	3	3.3	SR210	Single	15	68	600×455×460	47
IPG3.5G	3.2	3.5	3.5	3.8	SR210	Single	15	68	600×455×460	46
IPG3.8G	3.4	3.8	3.8	4.1	SR210	Single	15	68	600×455×460	51
IPG4G	3.6	4	4	4.4	SR225	Single	15	70	600×455×460	53
IPG6.5G	5.9	6.5	6.5	7.1	SR390	Single	25	72	600×455×460	86
IPG7.0G	6.4	7	7	7.7	G190	Single	25	72	700×600×580	150
IPG7.5G	6.8	7.5	7.5	8.2	SR420	Single	25	72	700×600×580	98
IPG8.0G	7.3	8	8	8.8	SR440	Single	25	75	700×600×580	96
IPG8.5G	7.7	8.5	8.5	9.3	SR440	Single	25	75	700×600×580	96
IPG9.5G	8.6	9.5	9.5	10.4	SR460	Single	25	76	700×600×580	99
IPG12G	10.9	12	12	13.2	SR715	Single	25	78	985×655×750	195
IPG12G3	10.9	12	12	13.2	SR715	Three	25	78	985×655×750	195
IPG15G	13.6	15	15	16.5	2V80F	Single	25	78	1100×750×1150	230
IPG15G3	13.6	15	15	16.5	2V80F	Three	25	78	1100×750×1150	230
IPG18G3	16.4	18	18	19.8	2V90F	Three	25	78	1100×750×1150	260
IPG22G3	20	22	22	24.2	2V90F	Three	25	78	1100×750×1150	280

Silent Type

IPG5.5GS	5.0	5.5	5.5	6.0	SR390	Single	25.0	64	825×565×800	148
IPG6.5GS	5.9	6.5	6.5	7.1	SR420	Single	25.0	64	825×565×800	150
IPG7GS	6.4	7	7	7.7	SR440	Single	25.0	64	825×565×800	152
IPG10GS	9.1	10	10	11	SR715	Single	25.0	67	1155×700×900	280
IPG30GS3	27.2	30	30	33	Q7	Three	45.0	70	1350×880×1150	470
IPG35GS3	31.8	35	35	38.5	Q7	Three	45.0	70	1350×880×1150	500

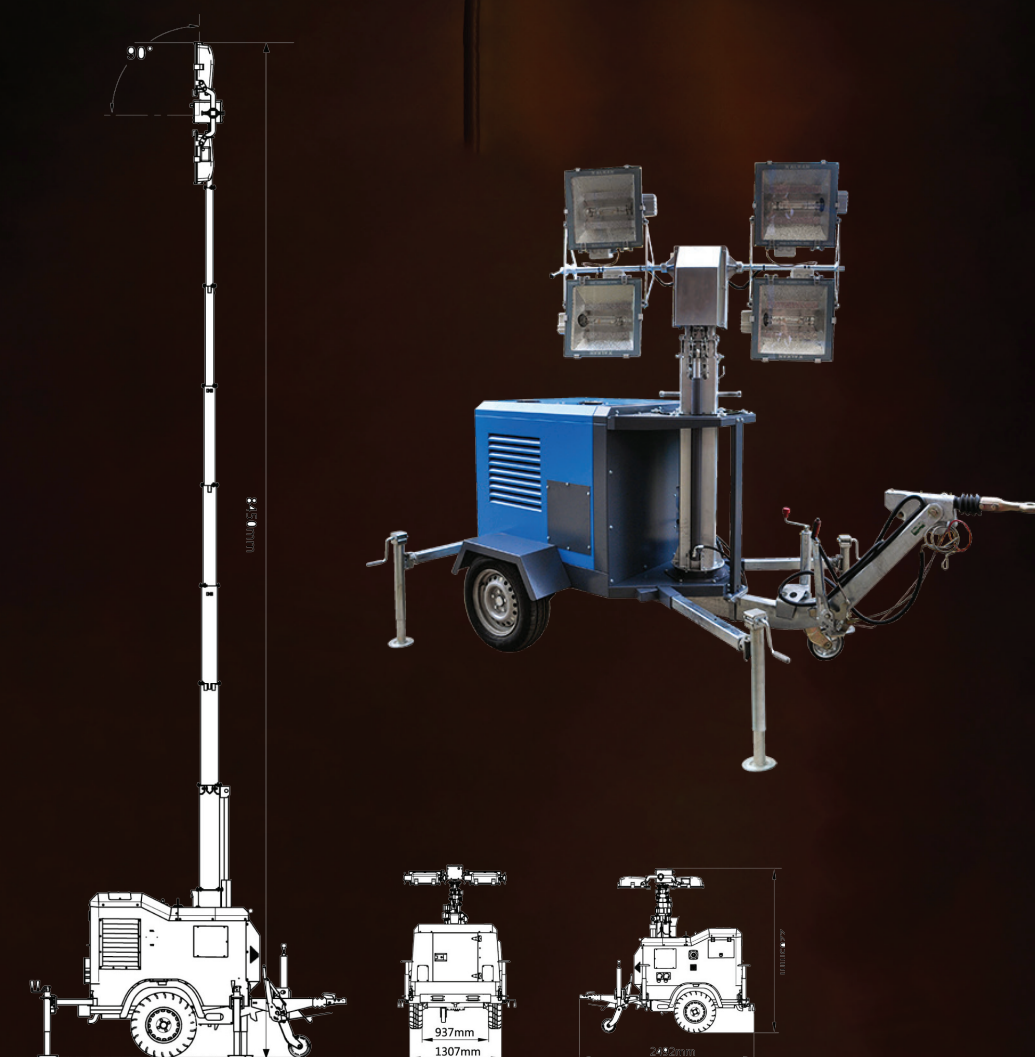
New Silent Type

IPG8GS	7.3	8	8	8.8	DH420	Single	25.0	67	955×525×680	148
IPG9.5GS	7.3	8	8	8.8	DH420	Three	25.0	67	955×525×680	148
IPG11GS	8.6	9.5	9.5	10.4	DH457	Single	25.0	67	955×525×680	150
IPG12GS	8.6	9.5	9.5	10.4	DH457	Three	25.0	67	955×525×680	150
IPG17GS	10	11	11	12.1	DH550	Single	25.0	67	955×525×680	165
IPG21GS	10	11	11	12.1	DH550	Three	25.0	67	955×525×680	165
IPG8GS3	10.9	12	12	13.2	DHT720E	Single	25.0	67	1230×650×780	200
IPG9.5GS3	10.9	12	12	13.2	DHT720E	Three	25.0	67	1230×650×780	200
IPG11GS3	15.5	17	17	18.7	DHT760E	Single	25.0	68	1230×650×780	300
IPG12GS3	15.5	17	17	18.7	DHT760E	Three	25.0	68	1230×650×780	300
IPG17GS3	19	21	21	23.1	DHT1000E	Single	25.0	68	1230×650×780	350
IPG21GS3	19	21	21	23.1	DHT1000E	Three	25.0	68	1230×650×780	350

INFINITY Mobile Lighting Tower

Generator set is mounted on a trailer with a torsion axle, automatic braking equipment. There are 4-6 pieces of metal halide projector. Vertical tower is galvanized, mechanically reaches

a height of 9 m. Each set has four pillars of stability. Each lamp consists of on/off switches There is a 220 V. socket on a protection canopy.



INFINITY Mobile Lighting Tower

	MODEL	AYEW 13	AYEW 17
	TYPE	MECHANICAL / HYDRAULIC	
	VOLTAGE	220 / 380	
	FREQUENCY	50	
ENGINE	BRAND	KUBOTA	INFINITY
	TYPE	D11005 - BG2	YND 485 D
	POWER (PRIME) kW	8.4	19
	SPEED (rpm)	1500	
	DISPLACEMENT (lt)	1,123	2,156
	BORE & STROKE (mm x mm)	78 x 78,4	85 x 95
	NUMBER OF CYLINDERS	3	4
	GOVERNOR TYPE	MECHANICAL	
	INDUCTION	NATURAL	
	COMBUSTION SYSTEM	DIRECT INJECTION	
	FUEL CONSUMPTION	2,0	5,62
ALTERNATOR	BRAND	NSM	ENGGA
	TYPE	PMG-LT (185F) 2000	EG160-16N2
	POWER (kW)	4,7	17,6
	FREQUENCY (Hz.)	50	50
	VOLTAGE	220	220/380
	INSULATION SYSTEM	H	H
	PROTECTION	IP23	IP23

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Genset Accessories

GENSET Controller



The IP1790N is a basic controller for single genset automation, supporting manual or remote start/stop, monitoring key engine parameters, and providing protection and fault indication. It features a graphic LCD, intuitive operation, and adjustable settings via front panel or USB.



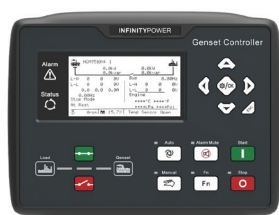
The IP4020N is a versatile controller for single genset automation, featuring auto start/stop, monitoring, and protection with multilingual LCD support. It uses microprocessor technology for precise control, and offers full configurability via front panel, USB, or RS485—ideal for diverse genset systems.



The IP7120N is a digital controller for single diesel gensets, offering automatic start/stop, precise monitoring, and alarm protection. It features a multilingual LCD, -32bit processor, and full configurability via front panel, USB, or RS485—suitable for diverse genset automation needs.



The IP9420N is an advanced genset controller for automatic start, AMF, and synchronization, with cloud monitoring via 4G. It offers precise parameter control, ECU (J1939) communication, and remote access through mobile apps or PC, making it ideal for smart single-genset automation.



The IP9510N is a powerful paralleled genset controller that supports manual/autoparallel operation for gensets of different capacities, constant power output, and mains paralleling. It features automatic load sharing, synchronization, fault protection, remote control, and ECU (J1939) communication—ideal for complex multi-genset systems.

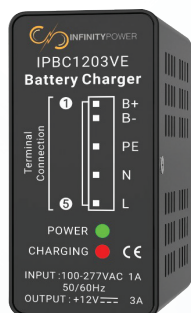


The IP9560 is a Bus Tie Mains Parallel Unit for auto/manual genset-to-mains paralleling, supporting various modes like peak lopping, fixed power output, and no-break load transfer. It features a -32bit processor, multilingual LCD, and flexible configuration via panel, USB, or RS485—ideal for complex power systems.

	IP1790N	IP4020N	IP7120N	IP9420N	IP9510N	IP9560
Display	Graphic LCD	Multilingual LCD	Multilingual LCD	Multilingual LCD	Multilingual LCD	Multilingual LCD
Comm. Ports	USB	USB	USB/RS485/ ETHERNET	USB/USBHOST/ RS485*2/ CAN/ETHERNET	USB/USBHOST/ RS485*2/ CAN/ETHERNET	USB/ RS485/ CAN
Engine Type	MPU	MPU	MPU	MPU/CAN	MPU/CAN	/
Digital Outputs (DO)	5	6	8	10	10	8
Digital Inputs (DI)	2+2	5	7	10	10	8
Analog Outputs (AO)	/	/	/	/	2	/
Analog Inputs (AI)	2	4	5	6	5	/
Sensor Type I/R/U	R	R	I/R/U	I/R/U	I/R/U	/
Built-in Cloud Monitoring	/	/	✓	✓	/	/
SMS	/	/	/	✓	/	/
Sensor Power Supply	/	/	5V	5V	5V	/
AC System	1P2W 15-360VAC (ph-N)	3P4W 15V-360V (ph-N) 3P3W 30V-620V (ph-ph) 1P2W 15V-360V (ph-N) 2P3W 15V-360V (ph-N)	3P4W 15V-360V (ph-N) 3P3W 30V-620V (ph-ph) 1P2W 15V-360V (ph-N) 2P3W 15V-360V (ph-N)	3P4W 15V-360V (ph-N) 3P3W 30V-620V (ph-ph) 1P2W 15V-360V (ph-N) 2P3W 15V-360V (ph-N)	3P4W 15V-360V (ph-N) 3P3W 30V-620V (ph-ph) 1P2W 15V-360V (ph-N) 2P3W 15V-360V (ph-N)	3P4W 15V-360V (ph-N) 3P3W 30V-620V (ph-ph) 1P2W 15V-360V (ph-N) 2P3W 15V-360V (ph-N)
IP Rating	IP65	IP65	IP65	IP65	IP65	IP65
Operating Temperature	(-25~+70)°C	(-25~+70)°C	(-25~+70)°C	(-25~+70)°C	(-25~+70)°C	(-40~+70)°C
Function	Auto Start	Auto Start/AMF	Auto Start/AMF	Auto Start/AMF	Multi-genset Parallel/ Single Genset On-grid	Multi-genset On-grid
Auto Sync	/	/	/	✓	✓	✓
Auto Load Sharing	/	/	/	/	✓	✓
ATS Control	/	✓	✓	✓	/	/
Analog GOV	/	/	/	/	✓	/
Analog AVR	/	/	/	/	✓	/
Optional Successful Starting Conditions	✓	✓	✓	✓	✓	/
Maintenance	/	✓	✓	✓	✓	✓
Event Log	/	✓	✓	✓	✓	✓
Data Record @Fault	/	/	✓	✓	✓	/
Overcurrent Protection	✓	✓	✓	✓	✓	/
Overpower Protection	/	✓	✓	✓	✓	/
Fuel Tank Capacity Display	/	✓	/	✓	✓	/
PLC Function	/	/	/	✓	✓	/
ECU Engine Data Display	Sensor	Sensor	Sensor	ECU/Sensor	ECU/Sensor	/

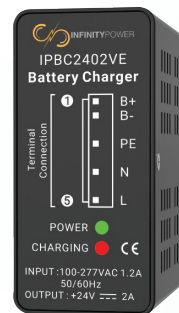
Genset Accessories

Battery chargers



IPBC1203VE

DIN rail-mountable and compatible with modern power systems, the IPBC1203VE charger is specifically designed to match the charging characteristics of 12V lead-acid engine starter batteries, providing reliable long-term float charging with a maximum output current of 3A.



IPBC2402VE

DIN rail-mountable and compatible with modern power systems, the IPBC2402VE charger is specifically designed to match the charging characteristics of 24V lead-acid engine starter batteries, providing reliable long-term float charging with a maximum output current of 2A.



IPBC1206

IPBC1206 switching battery charger adopts the latest switch power components, which is designed for charging lead-acid starting battery according to its property. The charger is suitable for lead-acid battery float charge. The maximum charge current for 12V charger is 6A.



IPBC2405

Fit with up-to-date power supply device, float charger IPBC2405 is specially designed for meet the charging characteristics of the lead-acid engine starter batteries and can be used for long-term float charging of 24V lead-acid batteries.



IPBC1210

Fit with up-to-date power supply device, battery charger IPBC1210 is specially designed for meet the charging characteristics of the lead-acid engine starter batteries and can be used for long-term float charging. It suits 12V battery pack.



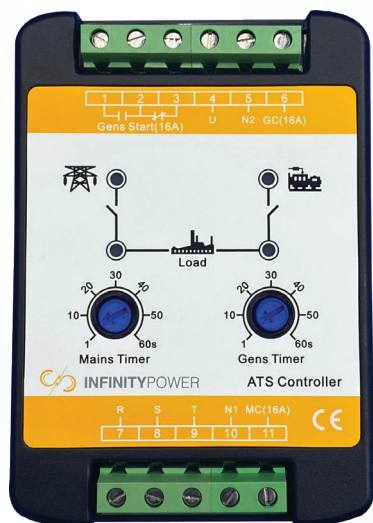
IPBC2410

Fit with up-to-date power supply device, float charger IPBC2410 is specially designed for meet the charging characteristics of the lead-acid engine starter batteries and can be used for long-term float charging of 24V lead-acid batteries.

Model	IPBC1203VE	IPBC1206	IPBC1210	IPBC2402VE	IPBC2405	IPBC2410
Battery Voltage	12V	12V	12V	24V	24V	24V
Max. Charging Current	3A	6A	10A	2A	5A	10A
Rated Input Voltage	AC(100~277)V	AC(95~280)V	AC(100~277)V	AC(100~277)V	AC(100~240)V	AC(100~277)V
Max. Input Voltage Range	AC(90~305)V	AC(90~305)V	AC(90~305)V	AC(90~305)V	AC(90~280)V	AC(90~305)V
AC Input Frequency	(50/60)Hz	(50/60)Hz	(50/60)Hz	(50/60)Hz	(50/60)Hz	(50/60)Hz
Max. Input Current	1A	2A	2.5A	1.2A	2.5A	/
No-Load Power Consumption	<3W	<3W	<3W	<2W	<3W	<3W
Power Factor Compensation	/	/	/	/	/	✓
Operating Mode	Two segments	Two segments	Two segments	Two segments	Two segments	Two segments
Maximum Efficiency	87%	85%	83%	90%	87%	88%
Operating Temp.	(-30~+55)°C	(-30~+55)°C	(-30~+55)°C	(-30~+55)°C	(-30~+55)°C	(-30~+55)°C
Storage Temp.	(-40~+85)°C	(-40~+85)°C	(-40~+85)°C	(-40~+85)°C	(-40~+85)°C	(-40~+85)°C

Genset Accessories

ATS Controller



IP310

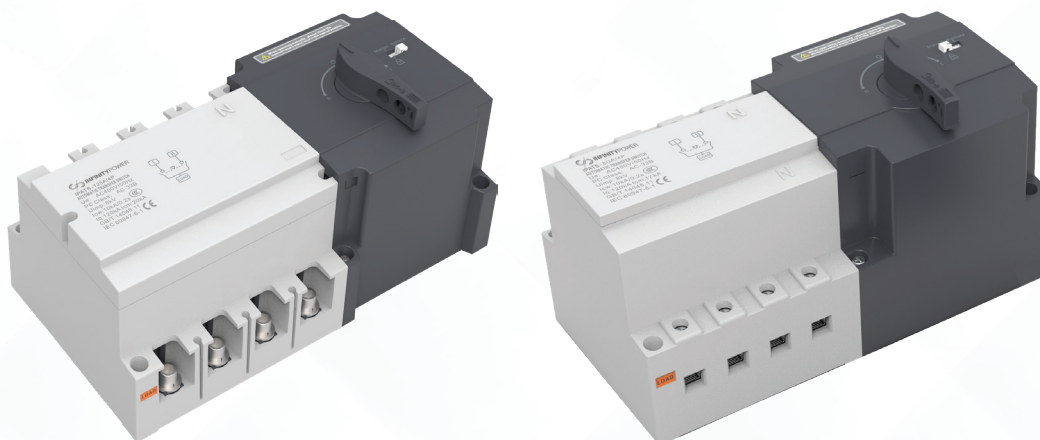
IP320

DIN rail-mountable, the IP310 & IP320 ATS controllers are designed for -2stage PC systems and CC-class ATS (with constant output close signal). They accurately monitor -3phase -4wire mains voltage and single-phase generator voltage. In the event of mains undervoltage or phase loss, the controller initiates a delayed transfer and sends a start signal to the genset if the mains supply is unavailable.

Model	IP310	IP320
Display	LED	
AC System	(1P2W: (160-280)VAC (ph-N) (3P4W: (160-280)VAC (ph-N)	
AC Frequency	50/60Hz	
Operating Voltage	VAC(160-280) VAC(160-280)	
Auto Transfer Auto Return/Auto Transfer Non-auto Return	✓	
Operating Temperature	C° (+70~-25)	

Genset Accessories

ATS- motor-driven

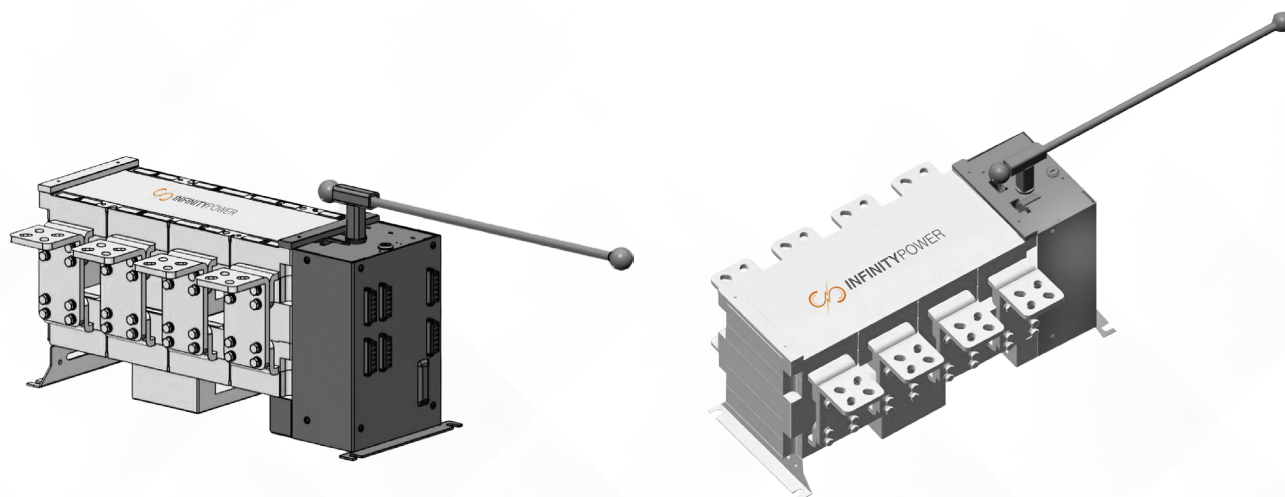


The IPATS 80-630A motor-driven dual power ATS offers reliable and automatic switching between power sources (Normal, Spare, Off) designed for critical power systems (80–630A, AC400V), with remote control capability, and simple installation — ideal for critical applications like hospitals, telecom, and high-rise buildings.”

Model		IPATS-80A/4P	IPATS-125A/4P	IPATS-250A/4P	IPATS-400A/4P	IPATS-630A/4P
Poles (P)		4-p	4-p	4-p	4-p	4-p
Rated Current		80A	125A	250A	400A	630A
Rated Volt.		AC400V	AC400V	AC400V	AC400V	AC400V
Rated Insul. Volt.		690V	690V	690V	690V	690V
Impulse withstand Volt.		8 kV	8 kV	8 kV	8 kV	8 kV
Category		AC-33B	AC-33B	AC-33B	AC-33B	AC-33B
Short-time		10 kA	10 kA	10 kA	25 kA	25 kA
Withstand Current		120 KA	120 KA	120 KA	120 KA	120 KA
Rated SC Ability		17 kA	20 kA	30 kA	50 kA	50 kA
Rated Control Supply		AC230V	AC230V	AC230V	AC230V	AC230V
I-II or II-I Contact Trans. Time		0.6s±50%	0.6s±50%	1.0s±10%	1.5s±10%	1.5s±10%
Operation Cycle Times	Without Current	8500	8500	7000	3000	3000
	With Current	1500	1500	1000	1000	1000
	Total	10000	10000	8000	4000	4000
Weight /4P		2.3kg	3.9kg	8.7kg	21.7kg	21.7kg

Genset Accessories

ATS- motor-driven



The IPATS 800-3600A motor-driven dual power ATS offers reliable and automatic switching between power sources (Normal, Spare, Off) designed for critical power systems (800-3600A, AC400V), with remote control capability, and simple installation – ideal for critical applications like hospitals, telecom, and high-rise buildings.

Model	IPATS-800A/4P	IPATS-1000A/4P	IPATS-1250A/4P	IPATS-1600A/4P	IPATS-2000A/4P	IPATS-2500A/4P	IPATS-3200A/4P
Poles (P)	4-p	4-p	4-p	4-p	4-p	4-p	4-p
Rated Current	800A	1000A	1250A	1600A	2000A	2500A	3000A
Rated Working Volt.	AC400V						
Motor Working Volt.	AC220V						
Rated Insul. Volt. Main Circuit	AC800V						
Rated Impulse Volt. Main Circuit	8 kV						
Category	AC-33Ib						
Short-time withstand Current	32KA/60ms						
Rated SC Ability	67.5KA						
Transfer Time I-II or II-I	1.2s		1.8s			2.4s	
Mechanical Life	3000 times						
Electrical Life	500 times						
Weight /4P	36kg	36kg	37kg	38.6kg	55kg	61kg	67kg



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