

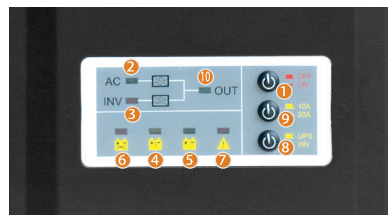
## Grand Inverter Series

Pure Sine Wave Inverter  
0.6kVA To 5kVA (0.8 PF)



### Features

- Intelligent long time model
- Fully digitized microprocessor control
- Wide input voltage window
- Energy saving function with UPS green mode
- Short circuit and overload protection
- Cold start
- Intelligent battery management
- Compatible with generators
- SMD technology
- Battery swappable
- Bypass output



2~5kVA Control Panel



600~1500VA Control Panel

1. ON/OFF button
2. Utility indication LED light
3. Inverter indication LED light
4. Battery charge indication LED light
5. Battery charging full indication LED light
6. Battery low indication LED light
7. Trouble/overload/overheat/low battery indication LED light
8. Selection button of UPS/Inverter mode
9. Charge button
10. Output indication LED light



2~5kVA Rear Panel

1. Battery 12Vdc/24Vdc/48Vdc
2. Fan
3. Battery switch
4. Input socket
5. Fuse
6. Output socket



600~1500VA Rear Panel

### Technical Specifications:

MODEL		Gi600	Gi800	Gi1000	Gi1500	Gi2000	Gi3000	Gi4000	Gi5000
Capacity(VA/Watts)		600/480	800/640	1000/800	1500/1200	2000/1600	3000/2400	4000/3200	5000/4000
<b>INPUT</b>									
Nominal input voltage		220Vac							
Nominal input frequency		50Hz							
Operating voltage range		120 ~ 300Vac (Inverter mode)/145 ~ 285Vac (UPS mode)						165 ~ 280Vac(Inverter mode)/ 185 ~ 260Vac (UPS mode)	
Operating frequency range		38 ~ 70Hz							
<b>OUTPUT</b>									
Output voltage range	Mains mode	160 ~ 260Vac (Inverter mode)/190 ~ 260Vac (UPS mode)						165 ~ 280Vac(Inverter mode)/ 185 ~ 260Vac (UPS mode)	
	Battery mode	220Vac ± 10%							
Output frequency	Mains mode	Same as Mains							
	Battery mode	50 ± 1Hz							
Output wave	Mains mode	Tracking Mains							
	Battery mode	Simulated sine wave							
Transfer time		10ms							
<b>BATTERY</b>									
Battery voltage		12Vdc		24Vdc			48Vdc		
Recharge voltage		13.8 ± 0.3V		27.6 ± 0.6V			55.2 ± 1V		
Recharge current		10/20A(optional)						20/40A(optional)	
<b>SYSTEM FEATURES</b>									
Protection		Overload/Short circuit/Overheat							
Operating temperature		0 ~ 40°C							
Humidity range		0 ~ 95%(non-condensing)							
Noise level		< 40dB (1 meter from surface)							
<b>PHYSICAL</b>									
Dimension(D × W × H)mm		285 × 272 × 1654		313 × 295 × 189		363 × 220 × 358		363 × 220 × 358	
Packing(D × W × H)mm		380 × 375 × 255		420 × 384 × 275		435 × 306 × 448		435 × 306 × 448	
Net weight(kg)		11.4	13.4	15	18.6	26	29	33	36
Shipping weight(kg)		12.7	14.7	16.5	20.1	27.5	31	34.5	37.5

Specifications are subject to change without prior notice.