

DataPower+ Series

ONLINE DOUBLE CONVERSION UPS

6kVA To 10kVA (0.9 PF)

Single Phase input/output (1:1)

RACK/TOWER



Features

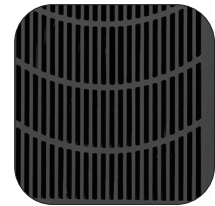
- Online-Double conversion
- Non Transfer Time of output
- PFC technology
- Full digital control (DSP)
- Output power factor: 0.9
- Input current harmonic: 3%
- ECO function
- Charging/Rectifier/Inverter fully digital control technology
- Optimization battery group, the quantity of battery: 16/18/20 pieces (optional)
- Wide input voltage range: 120~276Vac
- Wide input frequency range: 45~55Hz/54~66Hz ± 0.5Hz
- Self-testing when UPS startup
- Input over/under-voltage protection
- Automatic bypass
- DC start
- Communication port: RS232 , USB
- Options: SNMP card / Relay card



The LCD panel can be rotated



Control Panel



Battery Cabinets (Optional)



Technical Specifications:

MODEL	DPPS-6000		DPPS-10K1-1
Capacity (VA/Watts)	6k / 5.4k		10k / 9k
INPUT			
Nominal voltage	220/230/240Vac(L+N+PE)		
Operating voltage range	120~276Vac		
Operating frequency range	45~55Hz/54~66Hz ± 0.5Hz		
Power factor	≥0.99		
Bypass voltage range	220V: +25%(optional +10%,+15%,+20%) 230: +20% (optional +10%,+15%) 240: +15% (optional +10%) Min. voltage: -45% (optional -20%, -30%)		
ECO range	Same as bypass		
Harmonic distortion (THDi)	≤3%(100% linear load)		
Generator input	Support		
OUTPUT			
Output voltage	220/230/240Vac		
Power factor	0.9		
Voltage regulation	± 2%		
Frequency	Line Mode	± 1%/ ± 2%/ ± 4%/ ± 5%/ ± 10% of the rated frequency(optional)	
	Bat. Mode	50/60 (± 0.1)Hz	
Crest factor	3:1		
Harmonic distortion (THDv)	≤2% with linear load ≤5% with non linear load		
Waveform	Pure Sinewave		
Efficiency	>93.5%		
BATTERY			
Battery voltage	Optional Voltage: ± 96/ ± 108/ ± 120Vdc		
Typical recharge time	6~8 hours (to 90% of full capacity)		
Charge current	Maximum Current 6A; charge current can be set according to battery capacity installed.		
SYSTEM FEATURES			
Transfer time	Utility to Battery : 0ms; Utility to bypass: 0ms		
Overload	Line Mode	Load ≤110%: last 60min; ≤125%: last 10min; ≤150%: last 1S; > 150% turn to bypass mode	
	Bypass Mode	40A(Input breaker)	60A(Input breaker)
Short Circuit	Hold Whole System		
Overheat	Line Mode: Switch to Bypass; Backup Mode: Shut down UPS immediately		
Low battery voltage	Alarm and Switch off		
Self-diagnostics	Upon Power On and Software Control		
EPO (optional)	Shut down UPS immediately		
Battery	Advanced Battery Management		
Noise Suppression	Complies with EN62040-2		
Audible & Visual alarms	Line Failure, Battery Low, Overload, System Fault		
Status LED & LCD display	Line Mode, Backup Mode, Eco Mode, Bypass Mode, Battery Low, Battery Bad, Overload & UPS Fault		
Reading on the LCD display	Input Voltage, Input Frequency, Output Voltage, Output Frequency, Load Percentage, Battery Voltage, Inner Temperature & Remaining Battery Backup Time		
Comunication interface	USB,RS232, Parallel Port, SNMPcard/Relay card (optional)		
ENVIRONMENTAL			
Operating temperature	0 ~ 40°C		
Storage temperature	-25 ~ 55°C		
Humidity range	0 ~ 95% (non condensing)		
Altitude	<1500m		
Noise level	<55dB		
PHYSICAL			
Dimension W × H × D (mm)	443 × 131 × 580(3U)		
Net Weight (kg)	23	25	
STANDARDS			
Safety	IEC/EN62040-1,IEC/EN60950-1		
EMC	IEC/EN62040-2,IEC61000-4-2,IEC61000-4-3,IEC61000-4-4, IEC61000-4-5,IEC61000-4-6,IEC61000-4-8		