

Powerpack DSP Series

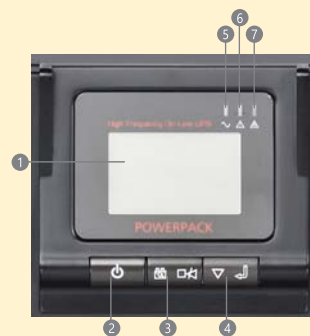
ONLINE UPS
6-10kVA
Single Phase / Single Phase

Computer Room, Network Center,
Communication System,
Automation Control System and
Other Critical Systems



- High Frequency and Double Conversion On-line Technology
- Fully Digitized Microprocessor Control
- Wide Input Voltage Range
- LCD Display
- Cold Start
- Parallel Operation Up to 3 Units
- Advanced Battery Management
- Automatic Battery Charge in UPS Off Mode
- Lightning, Surge, Short Circuit and Overload Protection
- Fan Speed Auto Control When Loads Varies
- Optional Extension Battery Pack
- EMI/RFI Noise Filter
- RS232 Com. Port With Monitoring Software
- Optional SNMP Card Slot

- 1 RS232
- 2 Fan
- 3 Input Breaker
- 4 Terminal Block
- 5 SNMP Slot
- 6 Parallel Port
- 7 Battery Socket
- 8 Maintenance Switch
- 9 Active Wheel



- 1 LCD
- 2 ON/OFF Button
- 3 Self-Test / Silence Button
- 4 Scroll Button
- 5 Normal
- 6 Alarm
- 7 Abnormal

6kVA • 10kVA

MODEL		
Capacity	6kVA / 4.2kW	10kVA / 7kW
INPUT		
Voltage Range	176 ±5VAC~276 ±5VAC	
Frequency Range	46~54Hz ±0.5Hz or 56~64Hz ±0.5Hz Auto Sensing	
Phase	Single Phase	
Power Factor	≥0.98	
OUTPUT		
Voltage Range	220/230Vac ±1%	
Phase	Single Phase	
Frequency Range	Synchronized With the Utility on AC Mode; 50Hz/60Hz ±0.2% On Battery Mode	
THD (Linear Load)	<2%	
THD (Non-Linear Load)	<6%	
Line Mode	105%~130%, 10min Turn To Bypass Mode; >130% 1s Turn to Bypass Mode	
Crest Factor	3:1 (max)	
Short Circuit Protection	5 Cycles Turn off Inverter, Not Transfer to Bypass, Provide Alarm (AC Mode)	
	5 Cycles Turn off Inverter; Provide Alarm (Battery Mode)	
	Input Fuse Blown or Breaker Action (Bypass Mode)	
Waveform	Pure Sine Wave	
Transfer Time	0ms	
Efficiency	≥88%	
BATTERY		
Model	12V Sealed Lead Acid Maintenance Free	
DC Voltage	240V DC	
Configuration	20×12V/7AH	
Backup Time (Half Load)	20min	13min
Backup Time (Full Load)	7min	5min
Charge Current (Standard Unit)	1A	
Charge Current (Long Time Unit)	5A	
Recharge Time	90% Capacity After 8hrs Charging	
COMMUNICATION INTERFACE		
Parallel Port	RS232 ; SNMP (Optional)	
LCD Indication	Parallel Availability For Redundancy And Load Sharing up to Three Units	
LED Indication	1.Input Voltage / Frequency, Battery Voltage, Output Voltage / Frequency, Load Watt/VA Value and Percent, Inverter Temperature	
	2.Operation Mode Such as "On-line", "On batt", or "On bypass"	
Noise Level	1. Green LED for Normal Operation, 2. Yellow LED for Warning Condition,	
	3. Red LED For Abnormal Operation	
Temperature	<55dB	
ENVIRONMENT		
Temperature	0~40°C	
Humidity	0%~95% (Non-Condensing)	
Altitude	<1500m	
Storage Temperature	-40~50°C	
OTHER		
Standard Unit Net / Gross Weight (kg)	89/104	92/107
Long Time Unit Net / Gross Weight (kg)	34/48	36/51
Dimension (W×D×H) (mm)	270×570×720	270×570×720
Packing (W×D×H) (mm)	370×670×940	370×670×940

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