

POWERPACK SERIES

6-10 kVA **1:1**
PHASE
ONLINE UPS



FEATURES

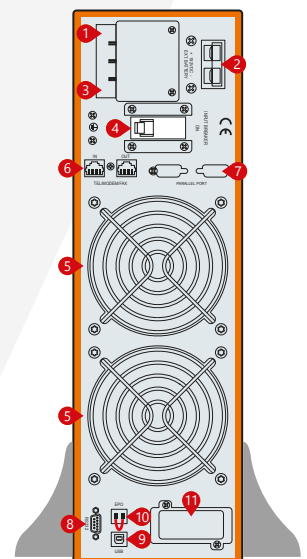
- High Frequency and True Double-Conversion
- DSP (Digital Signal Processors) Technology
- Input Power Factor Correction (PFC)
- Wide Input Voltage Range (110~300V)
- Output Power Factor 0.9
- Cold Start
- Auto Sensing Frequency
- ECO Mode Operation for Energy Saving
- Selectable Output Voltage via LCD
- Output Bypass Settable via LCD
- Power-On Self Test
- Advanced Battery Management (ABM)
- Short Circuit and Overload Protection
- Automatic Charging in Off Mode
- Auto Control Fan Speed when Loads Varies
- Standard RS232 Communication Port and RJ45 Protection
- USB/SNMP Communication Port (Optional)
- Emergency Power Off (EPO)
- Extension Battery Bank (Optional)
- Built-In Isolation Transformer (Optional)

CERTIFICATES



DETAILS

1. AC Input
3. DC Input
3. Outlet
4. Breaker
5. Fan
6. Modem/Tel/Fax
7. Parallel Card (Optional)
8. RS232
9. USB (Optional)
10. EPO
11. SNMP/AS400 (Optional)



Rear Panel
6-10kVA

MODEL		6kVA / 5400W	10kVA / 9000W
Capacity		6kVA / 5400W	10kVA / 9000W
INPUT			
Related Voltage		208V / 220V / 230V / 240 VAC	
Voltage Range		Half Load (115-295) ±5 VAC, Full Load (165-295) ±5 VAC	
Frequency		40 ~ 70 Hz (Auto Sensing)	
Power Factor		≥0.99	
Bypass Voltage Range		160V - Rated Output Voltage +32V	
OUTPUT			
Voltage Range		208V / 220V / 230V / 240 VAC Setting Available via LCD	
Voltage Regulation		±1%	
Frequency		Synchronized with Utility in Mains Mode: 50 / 60 Hz ±0.2 Hz (Battery Mode)	
Waveform		Sinusoidal	
Crest Factor		3:1	
Harmonic Distortion		≤2% (Linear Load); ≤5% (Non-Linear Load)	
Transfer Time		Mains Mode to Battery Mode: 0ms Inverter Mode to Bypass Mode: 0ms	
Overload Capability		105% ~ 125% for 3min 125% ~ 150% for 30s >150% for 1s	
EFFICIENCY			
AC Mode		≥92%	
Battery Mode		≥91%	
ECO Mode		≥98%	
BATTERIES			
DC Voltage		192V	
Inbuilt Battery		16 x 7Ah	16 x 9Ah
Charge Current	Standard Model	1A	
	Long Time Model	1A / 3A / 5A / 8A	
Recharge Time		8h	
ALARMS			
Utility Failure		Beep / 4s	
Low Battery		Beep / 1s	
Overload		Beep Twice / 1s	
UPS Fault		Long Beep	
ENVIRONMENT			
Humidity		20-90% RH @ 0-40°C (Non-Condensing)	
Noise Level		≤55 dB (1m)	
MANAGEMENT			
RS232 (Standard)/USB(Optional)		Supports Windows® 98/2000/2003/XP/Vista/2008/Windows® 7/8/10	
SNMP (optional)		Power Management from SNMP Manager and Web Browser	
PHYSICAL			
Long Time Model			
Dimension WxDxH (mm)		440 x 555 x 132	
Packing Dimension WxDxH (mm)		535 x 660 x 215	
Net Weight / Gross Weight (kg)		16.4 / 20.7	17.1 / 21.4
Standard Model			
Dimension WxDxH (mm)		440 x 555 x 132 (UPS), 440 x 555 x 132 (BAT)	
Packing Dimension WxDxH (mm)		535 x 660 x 215 (UPS), 540 x 685 x 235 (BAT)	
Net Weight / Gross Weight (kg)		16.4 / 20.7 (UPS), 43.6 / 47.1 (BAT),	17.1 / 21.4 (UPS), 49.6 / 53.1 (BAT)

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