

# POWERPACK SE SERIES

## 6-10 kVA

**1:1**  
PHASE

ONLINE UPS



HOME/OFFICE



EMERGENCY



MEDICAL



INDUSTRY



DATA CENTER



TRANSPORT



UPS ONLINE



TOWER



POWER FACTOR



SERVICE



### FEATURES

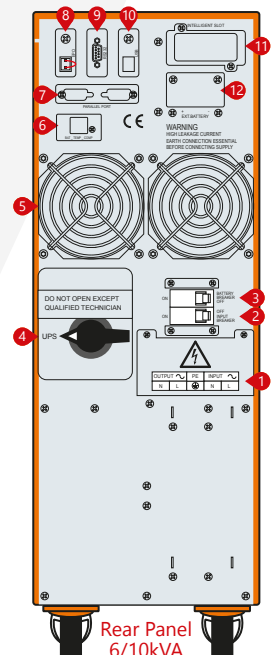
- High Frequency and True Double-Conversion
- DSP (Digital Signal Processors) Technology
- Input Power Factor Correction (PFC)
- Wide Input Voltage Range (110~300V)
- Output Power Factor 0.9
- Cold Start
- Auto Sensing Frequency
- ECO Mode Operation for Energy Saving
- Selectable Output Voltage via LCD
- 50Hz/60Hz Frequency Converter Mode Available
- Selectable Battery Low Voltage via LCD
- Power-On Self Test
- Advanced Battery Management (ABM)
- Short Circuit and Overload Protection
- Automatically Charging Battery at UPS Off Mode
- Fan Speed Auto Control when Load Varies
- Generator Compatible
- Standard RS232 Communication Port
- USB/SNMP Communication Port (Optional)
- Emergency Power Off (EPO) (Optional)
- Extension Battery Bank (Optional)
- Manual Bypass
- N+X Redundancy Parallel (Optional)

### CERTIFICATES



### DETAILS

1. Input-Output Terminal
2. Input Breaker
3. Battery Breaker
4. Maintenance Switch
5. Fan
6. Battery Temperature Sensor
7. Parallel Card (Optional)
8. EPO
9. RS232
10. USB (Optional)
11. SNMP/AS400 (Optional)
12. BAT\_NTC (Optional)



Rear Panel  
6/10kVA

MODEL		6kVA / 5400W	10kVA / 9000W
Power Watt		6kVA / 5400W	10kVA / 9000W
<b>INPUT</b>			
Related Voltage		208V / 220V / 230V / 240 VAC	
Voltage Range		Half Load (110-300) ±5 VAC, Full Load (160-300) ±5 VAC	
Frequency		40 ~ 70 Hz (Auto Sensing)	
Power Factor		≥0.99	
Bypass Voltage Range		160V - Rated Output Voltage +32V	
<b>OUTPUT</b>			
Voltage Range		208V / 220V / 230V / 240 VAC (Setting Available via LCD)	
Voltage Regulation		±1%	
Frequency		45 ~ 55 Hz or 55 ~ 65 Hz (Synchronized Range); 50 / 60 Hz ±0.1 Hz (Battery Mode)	
Waveform		Pure Sine Wave	
Crest Factor		3:1	
Harmonic Distortion		≤2% (Linear Load); ≤5% (Non-Linear Load)	
Transfer Time		AC Mode to Battery Mode: 0ms Inverter Mode to Bypass Mode: 0ms	
Overload Capability		105% ~ 125%: Transfer to Bypass after 3min 125% ~ 150%: Transfer to Bypass after 30sec >150%: Transfer to Bypass after 100ms	
<b>EFFICIENCY</b>			
AC Mode		≥92%	
ECO Mode		≥98%	
<b>BATTERIES</b>			
DC Voltage		192V-240V	
Inbuilt Battery		16-20 x 7-9Ah	
Charge Current	Standard Model	1A	
	Long Time Model	1A / 3.5A / 7A	
Typical Recharge Time		8 hours Recover to 90% Capacity	
<b>ALARMS</b>			
Utility Failure		Beep / 4sec	
Low Battery		Beep / 1sec	
Overload		Beep Twice / 1sec	
UPS Fault		Long Beep	
<b>ENVIRONMENTAL</b>			
Humidity		20-90% RH @ 0-40°C (Non-Condensing)	
Noise Level		≤50 dB (1m)	
<b>COMMUNICATION</b>			
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	
<b>DIMENSIONS &amp; WEIGHT</b>			
Dimensions WxDxH (mm)		262 x 650 x 735	
Packaging Dimensions WxDxH (mm)		440 x 720 x 940	
Net Weight (kg)		64.1	70.8
Gross Weight (kg)		72.2	78.9

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