

# Powerpack SE Series

ONLINE UPS  
1-3kVA  
Single Phase / Single Phase

Small Network, Servers and other  
IT Equipments



- 1 AC Input
- 2 Overcurrent Protection
- 3 Fan
- 4 RS232
- 5 Intelligent Slot

- 6 Modem/Tel/Fax
- 7 DC Input
- 8 Output



- High Frequency and True Double-Conversion
- DSP Digital Control Technology
- Input Power Factor Correction (PFC)
- Wide Input Voltage Range (110V-300V)
- Output Power Factor 0.9
- Cold Start
- Frequency Adaptive
- ECO Mode Operation for Energy Saving
- Selectable Output Voltage Via LCD
- Output Bypass Settable Via LCD
- Selectable Battery Low Voltage Via LCD
- Automatically Diagnose When Starts
- Advanced Battery Management (ABM)
- Short Circuit and Overload Protection
- Automatically Charging Battery at UPS Off Mode
- Fan Speed Auto Control When Load Varies
- Standard RS232 Communication Port and RJ45 Protection
- Optional USB/SNMP Communication Port
- Optional Emergency Power Off (EPO)
- Optional Extension Battery Bank
- Optional Built-in Isolation Transformer

1kVA • 2kVA • 3kVA

MODEL				
Capacity		1kVA / 900W	2kVA / 1800W	3kVA / 2700W
INPUT				
Rated Voltage		208V/220V/230V/240VAC		
Voltage Range		Half Load (110-300) ±5VAC; Full Load (160-300) ±5VAC		
Frequency		40-70Hz (Auto Sensing)		
Power Factor		≥0.98		
Bypass Voltage Range		Rated Output Voltage-34V~Rated Output Voltage +32V		
OUTPUT				
Voltage		208V/220V/230V/240VAC Setting Available Via LCD		
Voltage Regulation		±1%		
Frequency		45-55Hz or 55-65Hz (Synchronized Range); 50/60±0.2 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 Model to Bypass Mode:4ms (Typical)		
Overload Capability		105%-150%: Transfer to Bypass after 30s; >150%: Transfer to Bypass After 300ms		
EFFICIENCY				
AC Mode		≥90%		
Battery Mode		≥87%		
ECO Mode		≥94%		
BATTERY				
DC Voltage		36V	72V	72V
Inbuilt Battery of Standard Model		3x7Ah	6x7Ah	6x9Ah
Charge Current	Standard Model	1A		
	Long Time Model	6A		
Typical Recharge Time		8 Hours Recover to 90% Capacity		
ALARM				
Utility Failure		Beep/4s		
Battery Low		Beep/1s		
Overload		Beep Twice/1s		
UPS Fault		Long Beep		
ENVIRONMENT				
Humidity		20~90% RH @ 0~40 °C (non-condensing)		
Noise Level		≤ 50dB (1m)		
MANAGEMENT				
Standard RS-232, Optional USB		Supports Windows 98/2000/2003/XP/Vista/2008/Windows 7/8		
Optional SNMP		Power Management From SNMP Manager and Web Browser		
PHYSICAL				
Dimension (mm) WxDxH		144x410x215	190x452x341	
Packing Dimension (mm) WxDxH		231x492x316	320x550x462	
Net Weight (kg)		13.0(S)	23.5(S)	26.6(S)
Gross Weight (kg)		14.5(S)	25.0(S)	28.8(S)

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