

# Powerpack SE 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 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
- 50Hz/60Hz Frequency Converter Mode Available
- 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
- Optional USB / SNMP Communication Port
- Optional Emergency Power Off (EPO)
- Optional Extension Battery Bank
- Optional Built-in Isolation Transformer
- Optional Manual Bypass
- Optional N+X Redundancy Parallel

- 1 AC Input
- 2 Modem/Tel/Fax
- 3 Output
- 4 Fan
- 5 RS232
- 6 USB
- 7 EPO
- 8 Manual Bypass
- 9 Intelligent Slot
- 10 Breaker
- 11 Paralel Port
- 12 BAT\_NTC



6kVA • 10kVA

| MODEL                             |                 |   |                    |
|-----------------------------------|-----------------|---|--------------------|
| Capacity                          |                 | 6kVA / 5400W  | 10kVA / 9000W      |
| 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                      |                 | ≥0.99   |                    |
| Bypass Voltage Range              |                 | 160V - 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 ±0.2Hz (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<br>Inverter Model to Bypass Mode:0ms  |                    |
| Overload Capability               |                 | 105%-125%: Transfer to Bypass After 3mins;<br>125%-150%: Transfer to Bypass After 30s;<br>>150%: Transfer to Bypass After 100ms |                    |
| EFFICIENCY                        |                 |   |                    |
| AC Mode                           |                 | ≥92%  |                    |
| Battery Mode                      |                 | ≥91%  |                    |
| ECO Mode                          |                 | ≥98%  |                    |
| BATTERY                           |                 |   |                    |
| DC Voltage                        |                 | 192V  |                    |
| Inbuilt Battery of Standard Model |                 | 16*7Ah  | 16*9Ah             |
| Charge Current                    | Standard Model  | 1A  |                    |
|                                   | Long Time Model | 1A/3A/5A/8A   |                    |
| 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                       |                 | ≤55dB (1m)  |                    |
| MANAGEMENT                        |                 |   |                    |
| Standard RS-232, Optional USB     |                 | Supports Windows 98/2000/2003/XP/Vista/2008/Windows7/8  |                    |
| Optional SNMP                     |                 | Power Management From SNMP Manager and Web Browser  |                    |
| PHYSICAL                          |                 |   |                    |
| Dimension (WxDxH) (mm)            |                 | 262 x 514 x 455(H), 262 x 514 x 735 (S)   |                    |
| Packing Dimension (WxDxH) (mm)    |                 | 365 x 605x 610(H), 390 x 625 x 937(S)   |                    |
| Net Weight (kg)                   |                 | 22.1 (H), 64.1 (S)  | 22.8 (H), 70.8 (S) |
| Gross Weight (kg)                 |                 | 25.2 (H), 72.2 (S)  | 25.9 (H), 78.9 (S) |

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S means standard model, H means long back up time model.