

## Features

- Auto switch 4 FUN: DC to AC , AC bypass, AC charger and UPS
- Start Auto restart while AC is recovering, Dry contact: out no AC signal to other device
- Pure sine wave output ,input & output fully isolation Three-gear switch
- Includes 4-stage AC battery charger, charging current up to 90A
- Efficiency can reach above 88%, energy saving mode, extend the working hours of battery
- Can be paired with electric, diesel hybrid power supply
- Tolerance 3 times rated power start, the carrying capacity of excellence
- Advanced microprocessor control system design
- Input polarity/UV/OV/OS/OL/OT protections
- Remote control RJ45 or RS-232 communication interface (optional)



## Specifications

| Models           | SPT3000-112  | SPT3000-124  | SPT3000-148  | SPT3000-212               | SPT3000-224  | SPT3000-248  |
|------------------|--|--------------|--------------|---------------------------|--------------|--------------|
| Output Power     | 3000W  |              |              |                           |              |              |
| Surge Power      | 9000W  |              |              |                           |              |              |
| DC Input Voltage | 12VDC  | 24VDC        | 48VDC        | 12VDC                     | 24VDC        | 48VDC        |
| Output Voltage   | 100/110/120VAC±5%  |              |              | 220/230/240VAC±3%         |              |              |
| Output Frequency | 50/60Hz ±0.5%  |              |              |                           |              |              |
| Output Waveform  | True sine wave (THD<5%)  |              |              |                           |              |              |
| Power Factor     | 0.1~1  |              |              |                           |              |              |
| Efficiency       | 85%  | 86%          | 88%          | 86%                       | 87%          | 90%          |
| No Load Power    | <50W (Power saving mode)   |              |              |                           |              |              |
| Transfer Time    | <8 ms  |              |              |                           |              |              |
| AC Range         | 90~135VAC/190~245VAC   |              |              |                           |              |              |
| Voltage Range    | 10.0~16.0VDC   | 20.0~31.0VDC | 42.0~60.0VDC | 10.0~16.0VDC              | 20.0~31.0VDC | 42.0~60.0VDC |
| Charge Current   | 80A  | 40A          | 25A          | 75A                       | 45A          | 30A          |
| Fault Indication | LED Red  |              |              |                           |              |              |
| Remote Control   | RJ45:PTM-10 or PTM-12  |              |              |                           |              |              |
| Safety           | UL458  |              |              | LVD (EN60950)             |              |              |
| EMC              | FCC Part15 ClassA  |              |              | CE (EN55022:2006+A1:2007) |              |              |
| Operating Temp   | -20~50℃  |              |              |                           |              |              |
| Working Humidity | 20~90%RH   |              |              |                           |              |              |
| Storage Temp     | -30~70℃  |              |              |                           |              |              |
| Cooling          | Automatically controlled cooling fan   |              |              |                           |              |              |
| Weight (kg)      | 24   |              |              |                           |              |              |
| Size (mm)        | 514*220*180(L*W*H)   |              |              |                           |              |              |
| Application      | Vehicle,Yacht,Solar power systems,Portable equipments,Power tools,Home and Office appliances |              |              |                           |              |              |

\*Note: The Specifications are subject to changes without notice.