

SP Power One Series

zero(0ms) transfer time with 120V voltage output configuration



Features

- Zero(0ms) transfer time, the best protection for servers, ATM
- Pure sine wave inverter
- Built-in MPPT solar charge controller
- Selectable input voltage range for home appliances and personal computers
- Selectable charging current based on applications
- Configurable AC/Solar input priority via LCD setting
- Compatible with mains or generator power
- Auto restart while AC is recovering
- Overload and short circuit protection
- Smart battery charger design for battery performance optimization
- Cold start function
- Parallel Operation of up to 9 units

Specifications

MODEL	SP3000 Power One
Rated Power	3000VA/3000W
INPUT	
Voltage	110/120VAC
Selectable Voltage Range	90-140 VAC (For Personal Computers) 60-140 VAC (For Home Appliances)
Frequency Range	50 Hz/60 Hz (Auto sensing)
OUTPUT	
AC Voltage Regulation (Batt. Mode)	110/120VAC \pm 3%
Surge Power	6000VA
Peak Efficiency	90%
Transfer Time	Line mode \leftrightarrow Battery mode: 0ms Inverter \leftrightarrow Bypass: 4ms
Waveform	Pure sine wave
BATTERY	
Battery Voltage	48VDC
Floating Charge Voltage	54VDC
Overcharge Protection	60VDC
SOLAR CHARGER & AC CHARGER	
Maximum PV Array Power	4000W
Maximum PV Array Open Circuit Voltage	145Vdc
PV Array MPPT Voltage Range	60~115Vdc
Maximum Solar Charging Current	80A
Maximum AC Charging Current	60A
Maximum Charging Current	140A
PHYSICAL	
Dimension (D×W×H)	120×295×468mm
Net Weight	11.5kgs
OPERATING ENVIRONMENT	
Humidity	5% to 95% Relative Humidity (Non-condensing)
Operating Temperature	-10°C ~ 55°C
Storage Temperature	-15°C ~ 60°C

Specifications are subject to change without notice.

