

SP1000 ~ 3000 Power One

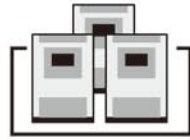
SP Power One Series



Zero(0ms)
Transfer Time



Anti-dust
Filter Design



Parallel operation



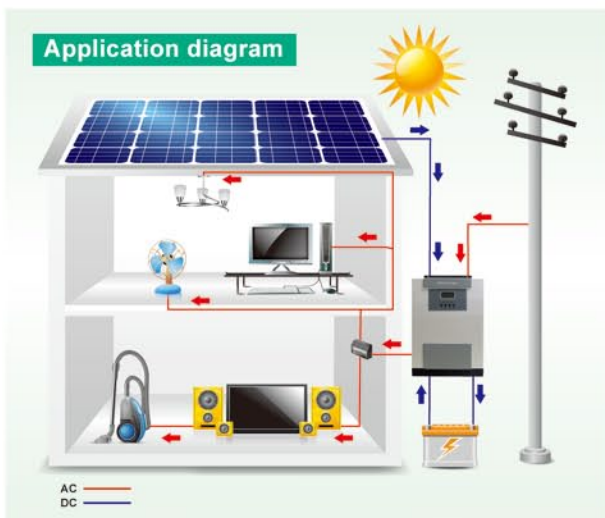
Features

- 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	SP1000 Power One	SP2000 Power One	SP3000 Power One
Rated Power	1000VA/1000W	2000VA/2000W	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 ± 3%		
Surge Power	2000VA	4000VA	6000VA
Peak Efficiency	90%		
Transfer Time	Line mode↔Battery mode: 0ms Inverter↔Bypass: 4ms		
Waveform	Pure sine wave		
BATTERY			
Battery Voltage	12 VDC	24 VDC	48VDC
Floating Charge Voltage	13.5 VDC	27 VDC	54VDC
Overcharge Protection	16 VDC	32 VDC	60VDC
SOLAR CHARGER & AC CHARGER			
Maximum PV Array Power	1000W	2000W	4000W
Maximum PV Array Open Circuit Voltage	145Vdc		
PV Array MPPT Voltage Range	15~115Vdc	30~115Vdc	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	10.5kgs	11kgs	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.



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