

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	SPT1000-112	SPT1000-124	SPT1000-212	SPT1000-224
Output Power	1000W			
Surge Power	3000W			
DC Input Voltage	12VDC	24VDC	12VDC	24VDC
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%	86%	87%
No Load Power	<5W (Power saving mode)			
Transfer Time	<8 ms			
AC Range	90~135VAC/190~245VAC			
Voltage Range	10.0~16.0VDC	20.0~31.0VDC	10.0~16.0VDC	20.0~31.0VDC
Charge Current	35A	20A	35A	20A
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°C			
Working Humidity	20~90%RH			
Storage Temp	-30~70°C			
Cooling	Automatically controlled cooling fan			
Weight (kg)	15			
Size (mm)	415*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.