

SPH1000 Series

Intelligent charger & inverter -SPH series

Features

- Auto switch 4 FUN: DC to AC , AC bypass, AC charger and UPS
- DIP Switches : Low Battery, AC Input Range , Power Saver, O/P Frequency, Solar/Utility AC Priority
- Efficiency up 3~5% than SPT, Idle consumption down 30~50%
- Output AVR: stabilized AC voltage RMS
- Start Auto restart while AC is recovering (optional)
- Dry contact: input no AC signal to other device
- Remote control RJ45/RS232 :PTM-9 and PTM-12(optional)
- Pure sine wave output ,input & output fully isolation
- Input : Utility AC or Generator etc
- Advanced microprocessor control
- Input polarity/UVP/OVP/OSP/OLP/OTP



Specifications

Models	SPH1000-112	SPH1000-124	SPH1000-212	SPH1000-224
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<3%)			
Power Factor	0.1~1			
Efficiency	88%	89%	89%	90%
No Load Power	<10W (Power saving mode)			
Transfer Time	<8 ms			
AC Range	184-253VAC (AVR:176-276VAC) /154-253VAC (AVR:150-276VAC) 100-135VAC (AVR:92-144VAC) /90-135VAC (AVR:78-144VAC)			
AVR Output AC	120VAC±10%		230VAC±10%	
Voltage Range	10.0~15.5VDC,*2 for 24VDC, *4 for 48VDC / 10.5~16VDC,*2 for 24VDC, *4 for 48VDC			
Charge Current	35A	20A	35A	20A
Remote Control	RJ45:PTM-9 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)	16			
Size (mm)	450*218*180(L*W*H)			

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