

SP1200 ~ 2500 Handy

SP Handy Series



Anti-dust Filter Design



High Power Charging Current



Compatible to power



Smart battery charger design



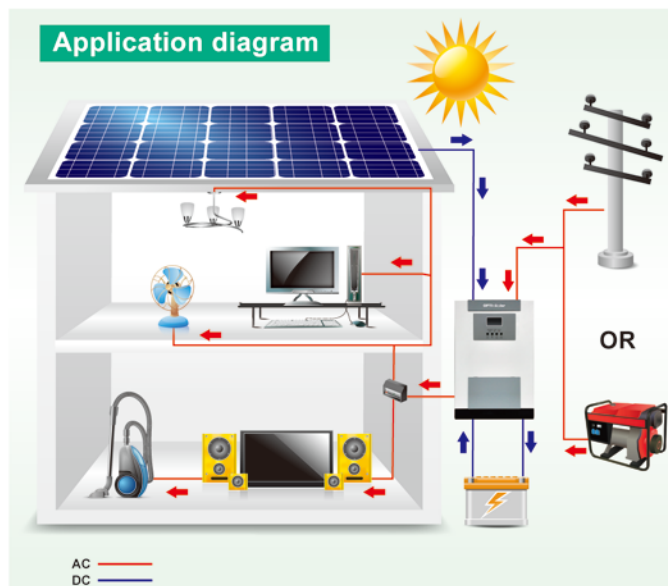
Features

- High PV input range
- Feasible for without-battery operation
- Pure sine wave inverter
- Selectable high power charging current
- Compatible with mains or generator power
- Built-in solar charge controller
- Overload and short circuit protection
- Smart battery charger design for battery performance optimization
- Cold start function

Specifications

MODEL	SP1200 Handy	SP2500 Handy
Rated Power	1200VA/1200W	2500VA/2500W
INPUT		
Voltage	230 VAC	
Selectable Voltage Range	170-280 VAC (For Personal Computers) 90-280 VAC (For Home Appliances)	
Frequency Range	50 Hz/60 Hz (Auto sensing)	
OUTPUT		
AC Voltage Regulation (Batt. Mode)	230VAC ± 5%	
Surge Power	2400VA	5000VA
Peak Efficiency	93%	
Transfer Time	10 ms (For Personal Computers) 20 ms (For Home Appliances)	
Waveform	Pure sine wave	
BATTERY		
Battery Voltage	12 VDC	24 VDC
Floating Charge Voltage	13.5 VDC	27 VDC
Overcharge Protection	16 VDC	33 VDC
SOLAR CHARGER & AC CHARGER		
Maximum PV Input Power	2000W	3000W
Maximum PV Array Open Circuit Voltage	350Vdc	450Vdc
PV Array MPPT Voltage Range	60 ~ 300Vdc	60 ~ 400Vdc
Maximum Solar Charging Current	80A	
Maximum AC Charging Current	80A	
Maximum Charging Current	80A	
PHYSICAL		
Dimension (D × W × H)	90 x 288 x 357mm	
Net Weight	7Kg	
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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