

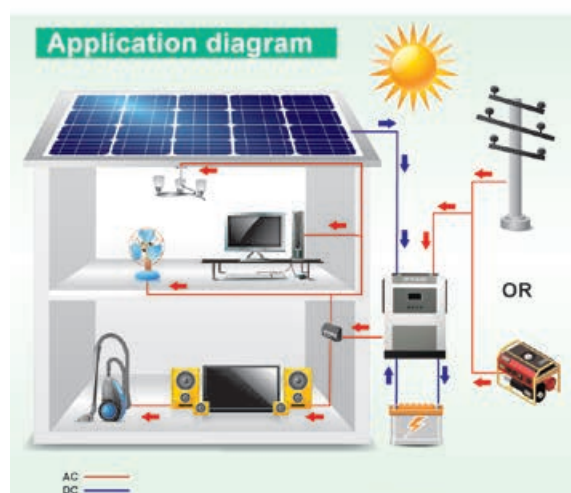
SP1500 Handy

SP Handy Series



Features

- High PV input range
- Feasible for without-battery operation
- Pure sine wave inverter
- Selectable high power charging current
- Compatible to mains voltage or generator power
- Smart battery charger design for optimized battery performance
- Built-in solar charge controller
- Overload and short circuit protection
- Cold start function
- BMS & Wi-Fi function (option)



Specifications

MODEL	SP1500 Handy
Rated Power	1600VA/1600W
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 $\pm$ 5%
Surge Power	3200VA
Peak Efficiency	93%
Transfer Time	10 ms (For Personal Computers)
	20 ms (For Home Appliances)
Waveform	Pure sine wave
BATTERY	
Battery Voltage	12 VDC
Floating Charge Voltage	13.5 VDC
Overcharge Protection	16 VDC
SOLAR CHARGER & AC CHARGER	
Maximum PV Input Power	2000W
Maximum PV Input Current	12A
Maximum PV Array Open Circuit Voltage	500Vdc
PV Array MPPT Voltage Range	60 ~ 450Vdc
Maximum Solar Charging Current	80A
Maximum AC Charging Current	80A
Maximum Charging Current	80A
PHYSICAL	
Dimension (D x W x H)	118 x 255 x 346mm
Net Weight	6Kg
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.