

SP6000 Handy II

SP Handy II Series

High PV power with multiple functions.



Dual Output



Dual Input



BMS



Wi-Fi



Parallel Operation



Features

- High PV input range
- Feasible for without-battery operation
- Pure sine wave inverter
- Selectable high power charging current
- Dual AC input & output design
- Built-in Wi-Fi & BMS function
- Built-in Pre-charge circuit to reduce inrush current
- Low noise design
- Built-in PV DC switch
- External CT sensor to guarantee 100% self-consumption
- Parallel Operation up to 2 units

Specifications

MODEL	SP6000 Handy II
Rated Power	6000VA/6000W
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	12000VA
Peak Efficiency	93%
Transfer Time	10 ms (For Personal Computers)
	20 ms (For Home Appliances)
Waveform	Pure sine wave
BATTERY	
Battery Voltage	48 VDC
Floating Charge Voltage	54 VDC
Overcharge Protection	63 VDC
SOLAR CHARGER & AC CHARGER	
Maximum PV Array Power	10000W
Maximum PV Array Open Circuit Voltage	500Vdc
Maximum PV Array Current	27A
PV Array MPPT Voltage Range	60~450Vdc
Maximum Solar Charging Current	120A
Maximum AC Charging Current	100A
Maximum Charging Current	120A
PHYSICAL	
Dimension (D×W×H)	144 × 348 × 446mm
Net Weight	12.5kgs

Specifications are subject to change without notice.

