

SP4000~6000 Handy Plus II

SP Handy Plus II Series

Large LCD touch screen with easy access to DATA through USB and Wi-Fi function.

Colorful LED light bar indicating the status of the inverter.



4.3" Color LCD



Dual Output



Touchable Button



BMS



Wi-Fi



Features

- High PV input range
- Feasible for without-battery operation
- Pure sine wave inverter
- Selectable high power charging current up to 120A
- Compatible with mains or generator power
- Smart battery charger design for battery performance optimization
- Built-in MPPT solar charge controller
- LED ring design with RGB lights
- Built-in Data storage
- Built-in anti-dust Kit
- Wi-Fi function (APP)
- Touchable button with 4.3" colored LCD
- Dual output design

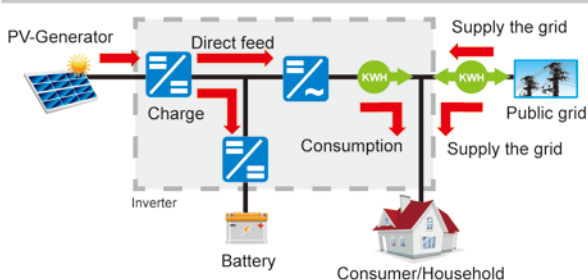
Specifications

MODEL	SP4000 Handy Plus II	SP6000 Handy Plus II
Rated Power	4000VA/4000W	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 ± 5%	
Surge Power	11000VA	
Peak Efficiency	93%	
Transfer Time	10 ms (For Personal Computers) 20 ms (For Home Appliances)	
Waveform	Pure sine wave	
BATTERY		
Battery Voltage	24 VDC	48 VDC
Floating Charge Voltage	27 VDC	54 VDC
Overcharge Protection	33 VDC	63 VDC
SOLAR CHARGER & AC CHARGER		
Maximum PV Array Power	4000W	6000W
Maximum PV Input Current	27A	
Maximum PV Input Short Circuit Current	30A	
Maximum PV Array Open Circuit Voltage	500Vdc	
PV Array MPPT Voltage Range	60-450 VDC	
Maximum Solar Charging Current	120A	
Maximum AC Charging Current	100A	
Maximum Charging Current	120A	
PHYSICAL		
Dimension (D × W × H)	119 × 314 × 458mm	
Net Weight	10kgs	12kgs
Communication Port	RS232/USB/Dry-contact/Wi-Fi	
OPERATING ENVIRONMENT		
Humidity	5% to 95% Relative Humidity (Non-condensing)	
Operating Temperature	-10°C ~ 55°C	
Storage Temperature	-15°C ~ 60°C	

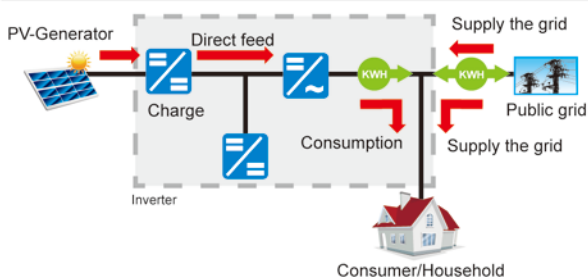
Specifications are subject to change without notices.

Operation Diagram:

Operation with battery



Operation without battery



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