

SP6000 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



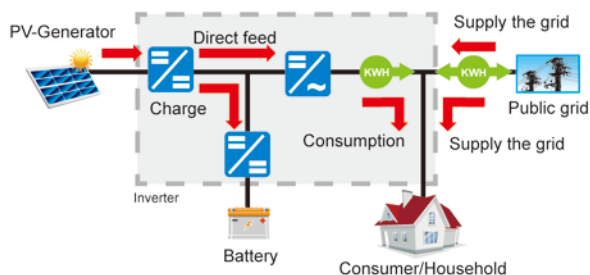
Wi-Fi

Features

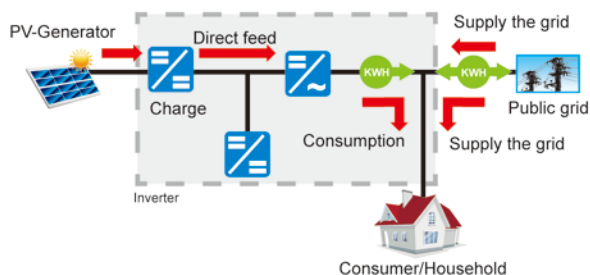
- High PV input range
- Feasible for without-battery operation
- Pure sine wave inverter
- Selectable high power charging current up to 120A
- Compatible with mains or generator power
- Smart battery charger design for battery performance optimization
- Built-in MPPT solar charge controller
- LED ring 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

Operation Diagram:

Operation with battery



Operation without battery



Specifications

MODEL	SP6000 Handy Plus 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 ± 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	48 VDC
Floating Charge Voltage	54 VDC
Overcharge Protection	63 VDC
SOLAR CHARGER & AC CHARGER	
Maximum PV Array Power	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	120~450Vdc
Maximum Solar Charging Current	120A
Maximum AC Charging Current	100A
Maximum Charging Current	120A
PHYSICAL	
Dimension (D×W×H)	119 x 314 x 458mm
Net Weight	12kg
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 notice.

OPTI-Solar Asia:
Tel: +886-2-2246-7272
Fax: +886-2-2246-7312

OPTI-Solar USA:
Tel: +1-909-869-5700
Fax: +1-909-869-5730

OPTI-Solar Middle East:
Tel: +9714-8819-838
Fax: +9714-8819-938

OPTI-Solar Europe B.V.:
Tel: +31-40-2628050