

SP6000 Brilliant Ultra III

SP Brilliant Ultra III Series

SP6000 Brilliant Ultra III supports the PV power up to 9000W, User-friendly HMI wide screen.



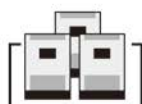
4.3" HMI LCD



BMS



Wi-Fi

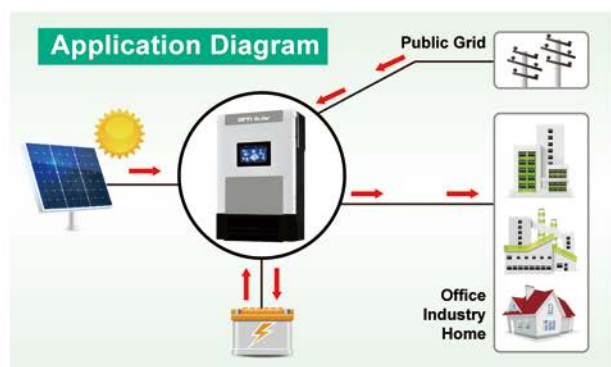


Parallel Operation



Features

- PV power 9000W
- Selectable charging current based on applications
- Configurable AC/Solar charging priority
- Compatible to mains voltage or generator power
- 4.3" HMI LCD design
- Built-in Wi-Fi & BMS function
- Dual Output Design
- Support 9 unit in Parallel operation
- No-battery operation



Specifications

MODEL	SP6000 Brilliant Ultra III
Rated Power	6500VA/6500W
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	
Maximum Output Power	6500W with PV & Battery 6000W with Battery only
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
Overload Capacity	10s for 110%~150% load 5s for $\geq$ 150% load 100ms for $\geq$ 200% load
BATTERY	
Battery Voltage	48 VDC
Floating Charge Voltage	54 VDC (maximum 58Vdc)
Low Battery Alarm Voltage	42 VDC
Shutdown Voltage	40 VDC
Overcharge Protection	66 VDC
Reverse Polarity Protection	Yes
SOLAR CHARGER & AC CHARGER	
Maximum PV Array Open Circuit Voltage	500Vdc
PV Max. Input Power	9000W
PV Max. Input Current	27A
PV Array MPPT Voltage Range	90~430Vdc
Maximum Solar Charging Current	120A
Maximum AC Charging Current	120A
Maximum Charging Current	120A
PHYSICAL	
Dimension (D×W×H)	120 x 295 x 468mm
Net Weight	12kgs
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.