



SUNTRONIC

PV 8000 ULTRA

SINGLE PHASE HYBRID INVERTER

PRODUCT FEATURES

- Grid Feeding
- PV Input 8000W
- Max Solar Charger 120A
- Parallel Operation up to 9 units
- Max AC Charger 120A
- Transfer Time 10/20/50ms
- Built in Parallel Kit
- RS485 BMS PORT
- Wifi Module With App
- Touch Screen
- Anti-Dust Filter Kit (External)

MODEL	SUNTRONIC PV 8000 ULTRA
PHASE	1-phase in / 1-phase out
MAXIMUM PV INPUT POWER	8000W
RATED OUTPUT POWER	6200W
PV Input (DC)	
Nominal DC Voltage / Maximum DC Voltage	360 VDC / 500
Start-up Voltage / Initial Feeding Voltage	120 VDC / 150VDC
MPPT Voltage Range	120 VDC ~ 430 VDC
Number of MPPT Trackers / Maximum Input Current	1 / 27A
Off-Grid Operation (AC Input)	
AC Start-up Voltage / Auto Restart Voltage	120 - 140 VAC / 180 VAC
Acceptable Input Voltage Range	90 - 280 VAC or 170 - 280 VAC
Maximum AC Input Current	40A
PV Input (DC)	
Maximum DC Voltage	500 VDC
Mpp Voltage Range	120 VDC ~ 430 VDC
Number of MPP Tracker / Maximum Input Current	1 / 27 A
Battery Mode Output (AC)	
Nominal Output Voltage	220/230/240 VAC
Output Waveform	Pure Sinewave
Efficiency (DC TO AC)	93%
General (Physical)	
Dimension, D x W x H (mm)	140 x 295 x 468
NetWeight (kgs)	12
Interface	
Parallel Function	Yes, 9 Units
Communication Port	USB/RS232/RS485/WiFi/Dry-Contact
Envirroment	
Humidity	0 ~ 90% RH (Non-condensing)
Operating Temperature	-10 to 50°C

* Product specifications are subject to change without prior notice for continuous improvement