

MODEL	SUNTRONIC PV 10000 ULTRA
Rated Power	8000VA/8000W
Parallel Capability	YES, 6 units
Input	
Voltage	230VAC
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	16000VA
Efficiency (Peak)	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	
Solar Charger Type	MPPT
Maximum PV Array Power	10000W (5000W x 2)
MPPT Range @ Operating Voltage	90 - 450 VDC
Maximum PV Array Open Circuit Voltage	500 VDC
Maximum PV Input Current	27A x 2 (MAX 40A)
Maximum Solar Charge Current	150A
Maximum AC Charge Current	120A
Maximum Charge Current	150A
Physical	
Dimension, D x W x H (mm)	145 x 438 x 553.6
NetWeight (kgs)	18.4
Communication Interface	USB/RS232/RS485/WiFi/Dry-contact/BTS Support optional GFCI, Rapid shutdown, AFCI detection
External Current Sensor Port	Yes, built-in current transformer sensor
Operating Environment	
Humidity	5% to 95% Relative Humidity(Non-condensing)
Operating Temperature	-10°C to 50°C
Storage Temperature	-15°C to 60°C
Standard	
Compliance Safety	CE

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