

Datasheet

MODEL	SunUltra 8kW
RATED POWER	11000VA/11000W
PARALLEL CAPABILITY	Yes, 6 Units
INPUT	
Voltage	230 VAC
Selectable Voltage Range	170-280 (For Personal Computers) 90-280 VAC (For Home Appliances)
Frequency Range	50 Hz/60Hz (Auto Sensing)
OUTPUT	
AC Voltage Regulation (Batt. Mode)	230VAC + 5%
Surge Power	22000VA
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	63VDC
SOLAR CHARGER & AC CHARGER	
Solar Charger Type	MPPT
Maximum PV Array Power	12000w (6000 x 2)
MPPT Range @ Operating Voltage	90 ~ 450 VDC
Maximum PV Array Operation	500 VDC
Maximum PV Input Current	27A x 2 (MAX 40A)
Maximum Solar Charge Current	150A
Maximum AC Charge Current	150A
Maximum Charge Current	150A
PHYSICAL	
Dimension, D x W x H (mm)	145 x 438 x 553.6
Net Weight (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 further notice.



SINGLE PHASE HYBRID INVERTER

SunUltra 8kW



SUN-ULTRA MAX 8kW HYBRID SOLAR INVERTER

FEATURES :

- Dual outputs for smart load management
- Two independent AC power sources connected and switched automatically
- Built-in current transformer sensor to meet self-consumption application
- Support external BTS (Battery Temperature Sensor) detection
- Built-in power status lighting indicators
- Built-in 2.8" colored LCD with slide operation
- Supports USB On-the-Go function
- Reserved communication port for BMS (RS485, CAN-BUS or RS232)
- Support optional GFCI, Rapid shutdown, AFCI detections
- Parallel operation with 6 units



Easy-to-install



Reliable



User-friendly

- IP65 waterproof and dustproof makes the inverter available for various working conditions.
- Dual outputs, for smart load management
- Reserved communication port for BMS (RS485, CAN-BUS or RS232)

- Replaceable fan design for ease of maintenance
- Battery independent design
- Configurable AC/PV output usage timer and prioritization
- Selectable high power charging current

- Selectable input voltage range for home appliances and personal computers
- Compatible to Utility Mains or generator input
- Parallel operation with 6 units