



## Sun-Ultra 8kW Hybrid Solar Inverter



Built-In WiFi



Intelligent Fan Cooling



Low Maintenance



GFCI, AFCI Rapid Shutdown



### Simpler

Plug-and-play connectivity for seamless system integration



### Safer

Comply with international quality standards tested by TUV,BV,Delora etc.



### Great Reliability

Built with industrial-grade components for long-term stability

## ANYTIME, ANYWHERE

### REMOTE MONITORING PLATFORM

Monitor system performance in real-time via smartphone app or web portal using our advanced monitoring platform

## Sun-Ultra Series

For more about Sun-Ultra Series Hybrid Solar Inverter please visit [www.sunxpv.com](http://www.sunxpv.com)

[www.sunxpv.com/shop](http://www.sunxpv.com/shop)



# HYBRID SOLAR INVERTER

## Sun-Ultra 8kW

MODEL	SunUltra 8kW
<b>RATED POWER</b>	8000VA/8000W
<b>PARALLEL CAPABILITY</b>	Yes, 6 Units
<b>INPUT</b>	
Voltage	230 VAC
Selectable Voltage Range	170-280 (For Personal Computers) 90-280 VAC (For Home Appliances)
Frequency Range	50 Hz/60Hz (Auto Sensing)
<b>OUTPUT</b>	
AC Voltage Regulation (Batt. Mode)	230VAC + 5%
Surge Power	16000VA
Efficiency (Peak)	90~93%
Transfer Time	10 ms (For Personal Computers) ; 20 ms (For Home Appliances)
Waveform	Pure Sine Wave
<b>BATTERY</b>	
Battery Voltage	48 VDC
Floating Charge Voltage	54 VDC
Overcharge Protection	66 VDC
<b>SOLAR CHARGER &amp; AC CHARGER</b>	
Solar Charger Type	MPPT
Maximum PV Array Power	10000w (5000w x2)
MPPT Range @ Operating Voltage	90 ~ 450 VDC
Maximum PV Array Operation	500 VDC
Maximum PV Input Current	27A x2 (MAX 40A)
Maximum Solar Charge Current	150A
Maximum AC Charge Current	120A
Maximum Charge Current	150A
<b>PHYSICAL</b>	
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
<b>OPERATING ENVIRONMENT</b>	
Humidity	5% to 95% Relative Humidity (non-condensing)
Operating Temperature	-10°C to 50°C
Storage Temperature	-15°C to 60°C
<b>STANDARD</b>	
Compliance Safety	CE



# Sun-Ultra 11kW Hybrid Solar Inverter



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# HYBRID SOLAR INVERTER

## Sun-Ultra 11kW

MODEL	SunUltra 11kW
<b>RATED POWER</b>	11000VA/11000W
<b>PARALLEL CAPABILITY</b>	Yes, 6 Units
<b>INPUT</b>	
Voltage	230 VAC
Selectable Voltage Range	170-280 (For Personal Computers) 90-280 VAC (For Home Appliances)
Frequency Range	50 Hz/60Hz (Auto Sensing)
<b>OUTPUT</b>	
AC Voltage Regulation (Batt. Mode)	230VAC + 5%
Surge Power	22000VA
Efficiency (Peak)	90~93%
Transfer Time	10 ms (For Personal Computers) ; 20 ms (For Home Appliances)
Waveform	Pure Sine Wave
<b>BATTERY</b>	
Battery Voltage	48 VDC
Floating Charge Voltage	54 VDC
Overcharge Protection	66 VDC
<b>SOLAR CHARGER &amp; AC CHARGER</b>	
Solar Charger Type	MPPT
Maximum PV Array Power	13000w (6500w x2)
MPPT Range @ Operating Voltage	90 ~ 450 VDC
Maximum PV Array Operation	500 VDC
Maximum PV Input Current	27A x2 (MAX 40A)
Maximum Solar Charge Current	150A
Maximum AC Charge Current	150A
Maximum Charge Current	150A
<b>PHYSICAL</b>	
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