



MAXPOWER

SUNGLOW 3000

SINGLE PHASE OFF-GRID INVERTER

PRODUCT FEATURES

- Pure sine wave solar inverter
- Output power factor 1
- Selectable high power charging current
- Wide DC input range
- Auto restart while ac is recovering
- Selectable input voltage range for home appliances and personal computers
- Cold start function
- Smart battery charger design for optimized battery performance
- Configurable AC/solar input priority via LCD setting
- Compatible with mains voltage or generator power
- Overload and short circuit protection

MODEL	SUNGLOW 3000
Rated Power	3000 VA/3000W
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	6000VA
Efficiency (Peak)	90% - 93%
Transfer Time	10 ms (For Personal Computers) 20 ms (For Home Appliances)
Waveform	Pure sine wave
Battery	
Battery Voltage	24 VDC
Floating Charge Voltage	27 VDC
Overcharge Protection	33 VDC
Solar Charger & AC charger	
Solar Charger Type	MPPT
Maximum PV Array Power	1000W
MPPT Operating Voltage Range	30 - 80 VDC
Maximum PV Array Open Circuit Voltage	102 VDC
Maximum Solar Charge Current	40A
Maximum AC Charge Current	25A
Maximum Charge Current	60A
Physical	
Dimension, D x W x H (mm)	100 x 285 x 334
NetWeight (kgs)	6.5
Communication Interface	USB/RS232
Operating Environment	
Humidity	5% to 95% Relative Humidity(Non-condensing)
Operating Temperature	-10°C to 50°C
Storage Temperature	-15°C to 60°C

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