



## OFF GRID INVERTER 3000w-24v

### PRODUCT FEATURES

- Pure sine wave inverter.
- Compatible to AC mains or generator power.
- Configurable AC/Solar input priority via LCD setting.
- Cold start function.
- Overload/ Over temperature/short circuit protection.
- Selectable input voltage range for home appliances and personal computers.
- Built-in MPPT solar controller.
- Auto restart while AC is recovering.
- Status indication with RGB lights.

Green Power to Home



Solar Panel



Power grid



Battery bank



### DATASHEET

### SUNPRO SL 3.0KW

RATED POWER	3000W
<b>INPUT</b>	
Voltage	230 VAC
Selectable Voltage Range	170-280 VAC (For Personal Computers) 90-280 VAC (For Home Appliances)
Frequency Range	50 Hz/60 Hz (Auto sensing)
<b>OUTPUT</b>	
AC Voltage Regulation (Batt. Mode)	230VAC $\pm$ 5%
Surge Power	6000VA
Efficiency (Peak) PV to INV	97%
Efficiency (Peak) Battery to INV	94%
Transfer Time	10 ms (For Personal Computers) ; 20 ms (For Home Appliances)
Output Port	single output
Waveform	Pure sine wave
<b>BATTERY &amp; AC CHARGER</b>	
Battery Voltage	24 VDC
Floating Charge Voltage	27 VDC
Overcharge Protection	33 VDC
Maximum Charge Current	80 A
Works without Battery	YES
<b>SOLAR CHARGER</b>	
Maximum PV Array Power	4000W
MPPT Range @ Operating Voltage	60 ~ 430 VDC
Maximum PV Array Open Circuit Voltage	450 VDC
Maximum Charging Current	80 A
Maximum Efficiency	98%
<b>PHYSICAL</b>	
Dimension, D x W x H (mm)	128*300*363
Net Weight (kgs)	6.2
Communication interface	USB/RS232
LCD display	General LCD
<b>OPERATING ENVIRONMENT</b>	
Humidity	5% to 95% Relative Humidity(Non-condensing)
Operating Temperature	0°C - 55°C
Storage Temperature	-15°C - 60°C