

Sunbridge1000

- Simulated sine wave inverter
- Wide input voltage range: 90-280 VAC
- Overload and short circuit protection
- Combines LCD display and LED indicator for comprehensive information

SOLAR INVERTER

CHARGER WITH SOLAR INVERTER SYSTEM

SUITABLE FOR:



MODEL	Sunbridge1000
CAPACITY	1200VA / 900W
INPUT	
Voltage	230 VAC
Selectable Voltage Range	90 - 280 VAC
Frequency Range	50 Hz/60 Hz (Auto sensing)
OUTPUT	
AC Voltage Regulation (Batt. Mode)	230 VAC ±10%
Efficiency (Peak)	82%
Transfer Time	20 ms
Waveform	Simulated Sine Wave
BATTERY	
Battery Voltage	12 VDC
Floating Charge Voltage	13.7 VDC ± 0.5 VDC
Overcharge Protection	15.0VDC ± 0.5 VDC
SOLAR CHARGER & AC CHARGER	
Solar Charger Type	MPPT
Maximum PV Array Open Circuit Voltage	100 VDC
Maximum PV Array Power	480 W
MPP Range @ Operating Voltage	15 ~ 80 VDC
Maximum Solar Charge Current	50A
Maximum AC Charge Current	10A /20A (Selectable)
Maximum Charge Current	50A
PHYSICAL	
Dimension, D X W X H (mm)	270 x 212 x 127
Net Weight (kgs)	4.5
OPERATING ENVIRONMENT	
Humidity	0 to 90% Relative Humidity (Non-condensing)
Operating Temperature	0°C to 40°C
Storage Temperature	-15°C to 50°C

Product specifications are subject to change without further notice