



MaxPower SUNBRIDGE 1000/2000

 Capacity 1200VA / 900W
2400VA / 1600W

 Max . PV Array Power 600/1200W

 Maximum Solar Charge Current 50A

 Battery Voltage 12/24VDC

 Maximum PV Array open Circuit Voltage 100VDC



Off-Grid Inverter

Datasheet

MODEL	SUNBRIDGE 1000	SUNBRIDGE 2000
CAPACITY	1200VA / 900W	2400VA / 1600W
INPUT		
Voltage	230 VAC	230 VAC
Selectable Voltage Range	90-280 VAC or 170-280 VAC	90-280 VAC or 170-280 VAC
Frequency Range	50 Hz/60 Hz (Auto sensing)	50 Hz/60 Hz (Auto sensing)
OUTPUT		
AC Voltage Regulation (Batt. Mode)	230 VAC ±10%	230 VAC ±10%
Efficiency (Peak)	82%	85%
Transfer Time	20 ms	20 ms
Waveform	Simulated Sine Wave	Simulated Sine Wave
BATTERY		
Battery Voltage	12 VDC	24 VDC
Floating Charge Voltage	13.7 VDC ± 0.5 VDC	27.4 VDC ± 0.5 VDC
Overcharge Protection	15.0VDC ± 0.5 VDC	30.0VDC ±1 VDC
SOLAR CHARGER & AC CHARGER		
Solar Charger Type	MPPT	MPPT
Maximum PV Array Open Circuit Voltage	100 VDC	100 VDC
Maximum PV Array Power	600 W	1200 W
MPP Range @ Operating Voltage	15 ~ 80 VDC	30 ~ 80 VDC
Maximum Solar Charge Current	50A	50A
Maximum AC Charge Current	10A /20A	10A /20A
Maximum Charge Current	50A	50A
PHYSICAL		
Dimension, D X W X H (mm)	272 x 212 x 127	272 x 212 x 127
Net Weight (kgs)	4.5	4.8
OPERATING ENVIRONMENT		
Humidity	0 to 90% Relative Humidity (Non-condensing)	0 to 90% Relative Humidity (Non-condensing)
Operating Temperature	0°C to 55°C	0°C to 55°C
Storage Temperature	-15°C to 55°C	-15°C to 55°C

Product specifications are subject to change without further notice.