

Sunbridge 8000

PF1
OUT PUT

Off-Grid Inverter

- Status indication with RGB lights
 - Built-in WiFi for mobile monitoring (Andriod/iOS APPs)
 - Supports USB On-the-Go function
 - Reserved communication port for BMS
 - Replaceable fan design for ease of maintenance
 - Battery independent design
- Compatible with mains voltage or generator power
 - Built-in anti-dust kit
 - Overload and short circuit protection
 - Parallel operation up to 6 units
 - Selectable input voltage range for home appliances and personal computers



Charger with Solar Inverter System



MODEL	Sunbridge 8000
Rated Power	7200VA / 7200W
INPUT	
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)
OUTPUT	
AC Voltage Regulation (Batt. Mode)	230VAC ± 5%
Surge Power	16000 VA
Efficiency (Peak)	90% ~ 93%
Transfer Time	15 ms (For Personal Computers) ; 20 ms (For Home Appliances)
Waveform	Pure sine wave
BATTERY	
Battery Voltage	48 VDC
Floating Charge Voltage	54 VDC
Overcharge Protection	66 VDC
SOLAR CHARGER & AC CHARGER	
Solar Charger type	MPPT
Maximum PV Array Open Circuit Voltage	500 VDC
Maximum PV Array Power	8000 W (4000 W x 2)
MPP Range @ Operating Voltage	90 ~ 450 VDC
Maximum Solar Charge Current	80 A
Maximum AC Charge Current	80 A
Maximum Charge Current	80 A
PHYSICAL	
Dimension, D x W x H (mm)	147.4 x 432.5 x 553.6
Net Weight (kgs)	18.4
Communication Interface	USB/RS232
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 further notice.