

## Sunbridge3000/4000

**PF1**  
OUT PUT

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



Charger with Solar Inverter System



MODEL	Sunbridge3000	Sunbridge4000
Rated Power	3000VA / 3000W	3000VA / 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 ± 5%	
Surge Power	6000VA	6000VA
Efficiency (Peak)	90% ~ 93%	
Transfer Time	10 ms (For Personal Computers) ; 20 ms (For Home Appliances)	
Waveform	Pure sine wave	
<b>BATTERY</b>		
Battery Voltage	24 VDC	24 VDC
Floating Charge Voltage	27 VDC	27 VDC
Overcharge Protection	33 VDC	33 VDC
<b>SOLAR CHARGER &amp; AC CHARGER</b>		
Solar Charger type	MPPT	MPPT
Maximum PV Array Open Circuit Voltage	102 VDC	500 VDC
Maximum PV Array Power	1000 W	4000 W
MPP Range @ Operating Voltage	30 ~ 80 VDC	120 ~ 450 VDC
Maximum Solar Charge Current	40 A	100 A
Maximum AC Charge Current	25A	100 A
Maximum Charge Current	60 A	100 A
<b>PHYSICAL</b>		
Dimension, D x W x H (mm)	100 x 285 x 334	100 x 300 x 440
Net Weight (kgs)	6.5	9
Communication Interface	USB/RS232	
<b>ENVIRONMENT</b>		
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.