



- 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 & PCs
- Configurable AC/Solar input priority via LCD setting
- Compatible to AC mains or generator power
- Auto restart while AC is recovering
- Overload & short circuit protection
- Smart battery charger design for optimized battery performance
- Cold start function

MODEL	1000-12	3000-24
Rated Power	1000VA/1000W	3000VA/3000W
<b>INPUT</b>		
Voltage	230VAC	
Selectable Voltage Range	170-280VAC (for PCs) / 90-280VAC (for home appliances)	
Frequency Range	50-60Hz (auto sensing)	
<b>OUTPUT</b>		
AC Voltage Regulation (Batt.mode)	230VAC +/-5%	
Surge Protection	2000VA	6000VA
Efficiency (Peak)	90-93%	
Transfer time	10ms (for PCs) / 20ms (for home appliances)	
Waveform	Pure Sinewave	
<b>BATTERY</b>		
Battery Voltage	12VDC	24VDC
Floating Charge Voltage	13,5VDC	27VDC
Overcharge protection	16VDC	33VDC
<b>SOLAR CHARGER &amp; AC CHARGER</b>		
Solar charger type	MPPT	
Maximum PV Array Open Circuit voltage	102VDC	102VDC
Maximum PV Array power	500W	1000W
MPP Range @ Operating Voltage	17-80VDC	30-80VDC
Maximum Solar Charge Current	40A	40A
Maximum AC Charge Current	20A	25A
Maximum Charge Current	60A	60A
<b>PHYSICAL</b>		
Dimension (DxWxH)mm	88x225x320	100x285x334
Net Weight (kgs)	4,4	6,5
Communication Interface	USB / RS232	
<b>ENVIRONMENT</b>		
Humidity	5-95% Relative Humidity (non condensing)	
Operating Temperature	-10C to 50C	
Storage Temperature	-15C to 60C	