

Hybrid Off Grid Inverter



- 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
INPUT		
Voltage	230VAC	
Selectable Votage Range	170-280VAC (for PCs) / 90-280VAC (for home appliances)	
Frequency Range	50-60Hz (auto sensing)	
OUTPUT		
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	
BATTERY		
Battery Voltage	12VDC	24VDC
Floating Charge Voltage	13,5VDC	27VDC
Overcharge protection	16VDC	33VDC
SOLAR CHARGER & AC CHARGER		
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
PHYSICAL		
Dimension (DxWxH)mm	88x225x320	100x285x334
Net Weight (kgs)	4,4	6,5
Communication Interface	USB / RS232	
ENVIRONMENT		
Humidity	5-95% Relative Humidity (non condensing)	
Operating Temperature	-10C to 50C	
Storage Temperature	-15C to 60C	