



- 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

LCD Display Panel

Detachable control module and user-friendly LCD display with various communications.

The detachable LCD control module, available for 5kVA model can be turned to remote panel. Users can install the LCD panel in accessible area away from the inverter up to 20m.

Through the LCD the inverter performance can be optimized. Users can easily set up or change the charging current, output source and charger source prioritization.



Supports USB On-the-Go function

Data can be easily uploaded-downloaded



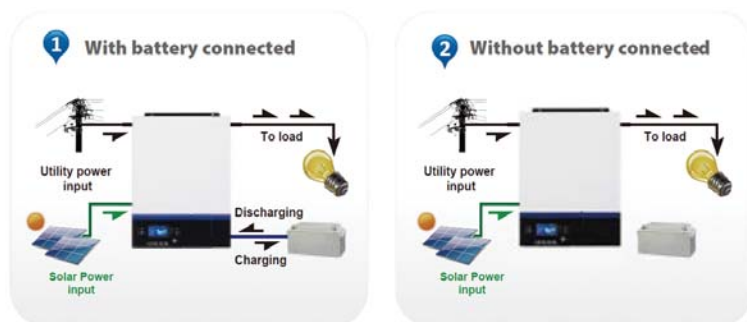
Integrated Bluetooth interface

Bluetooth interface is integrated ready for mobile monitoring with Android App. This technology allows wireless communication up to 6-7m in an open space. WatchPower App is available in Google store.



Battery independency

Inverter can keep supplying power to the loads from PV energy or the grid without battery connected.





Hybrid Off Grid Inverter

MODEL	5000-48
Rated Power	5000VA/5000W
INPUT	
Voltage	230VAC
Selectable Voltage 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	10000VA
Efficiency (Peak)	90-93%
Transfer time	10ms (for PCs) / 20ms (for home appliances)
Waveform	Pure Sinewave
BATTERY	
Battery Voltage	48VDC
Floating Charge Voltage	54VDC
Overcharge protection	63VDC
SOLAR CHARGER & AC CHARGER	
Solar charger type	MPPT
Maximum PV Array Open Circuit voltage	500VDC
Maximum PV Array power	5000W
MPP Range @ Operating Voltage	120-450VDC
Maximum Solar Charge Current	80A
Maximum AC Charge Current	60A
Maximum Charge Current	80A
PHYSICAL	
Dimension (DxWxH)mm	115x300x400
Net Weight (kgs)	10
Communication Interface	USB / RS232
ENVIRONMENT	
Humidity	5-95% Relative Humidity (non condensing)
Operating Temperature	-10C to 50C
Storage Temperature	-15C to 60C