



The power for your life

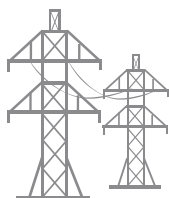
HYBRID INVERTER BSS SERIES (6KW)



PRODUCT FEATURES

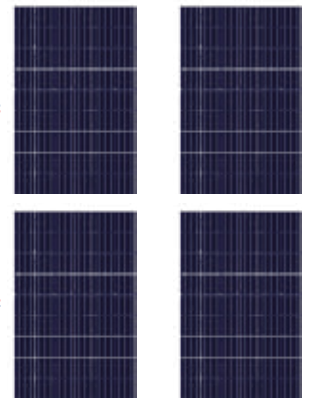
- A combination of inverter, solar charger and battery charger.
- Powerful bypass function with uninterrupted power supply function.
- Configurable AC/Solar input priority via LCD setting.
- Compatible with mains voltage or generator power.
- Overload, short circuit, over discharge protection.
- Status indication with RGB lights.
- Touch screen control module with various communications.
- Self-consumption and Feed-in to the grid.
- Compatible with AGM/Sealed, Gel, Flooded, Lithium batteries and a User Mode for custom inputs to work with virtually all battery types
- MPPT solar charge controller to maximize and regulate DC power from the solar array to charge the battery bank.
- Cold start and the smart battery charger design optimizes battery performance.
- Programmable multiple operation modes: Grid-tie, off-grid and grid-tie with backup.

Green Power to Home



Power grid

Solar Panel



Battery bank



On&Off Grid MPPT Solar Inverter

TECHNICAL PARAMETER

NEW MODEL	BSS-6000W
Max. PV Array Power	6500W
Rated Output Power	6000W
Maximum PV Array Open Circuit Voltage	500VDC
MPPT Range @ Operating Voltage	60Vdc-450Vdc
MPPT Tracker Number	1
GRID-TIE OPERATION	
GRID OUTPUT (AC)	
Nominal Output Voltage	220/230/240 VAC
Output Voltage Range	184 - 264.5 VAC or 195.5 - 253 VAC (Selectable)
Nominal Output Current	26.1A
Power Factor	1
EFFICIENCY	
Maximum Conversion Efficiency (DC/AC)	98%
OFF-GRID, HYBRID OPERATION	
GRID INPUT	
Acceptable Input Voltage Range	90 - 280 VAC or 170 - 280 VAC
Frequency Range	50 Hz/60 Hz (Auto sensing)
Maximum AC Input Current	40A
BATTERY MODE OUTPUT (AC)	
Nominal Output Voltage	220/230/240 VAC
Output Waveform	Pure sine wave
Efficiency (DC to AC)	98%
BATTERY & CHARGER	
Nominal DC Voltage	48Vdc
Maximum Solar Charge Current	120 A
Maximum AC Charge Current	100 A
Maximum Charge Current	120 A
GENERAL	
PHYSICAL	
Dimension, D x W x H (mm)	128*300*363
Net Weight (kgs)	8.5
INTERFACE	
Communication Ports	USB/RS232/RS485/WIFI
ENVIRONMENT	
Humidity	0 ~ 90% RH (Non-condensing)
Operating Temperature	-10°C to 50°C

