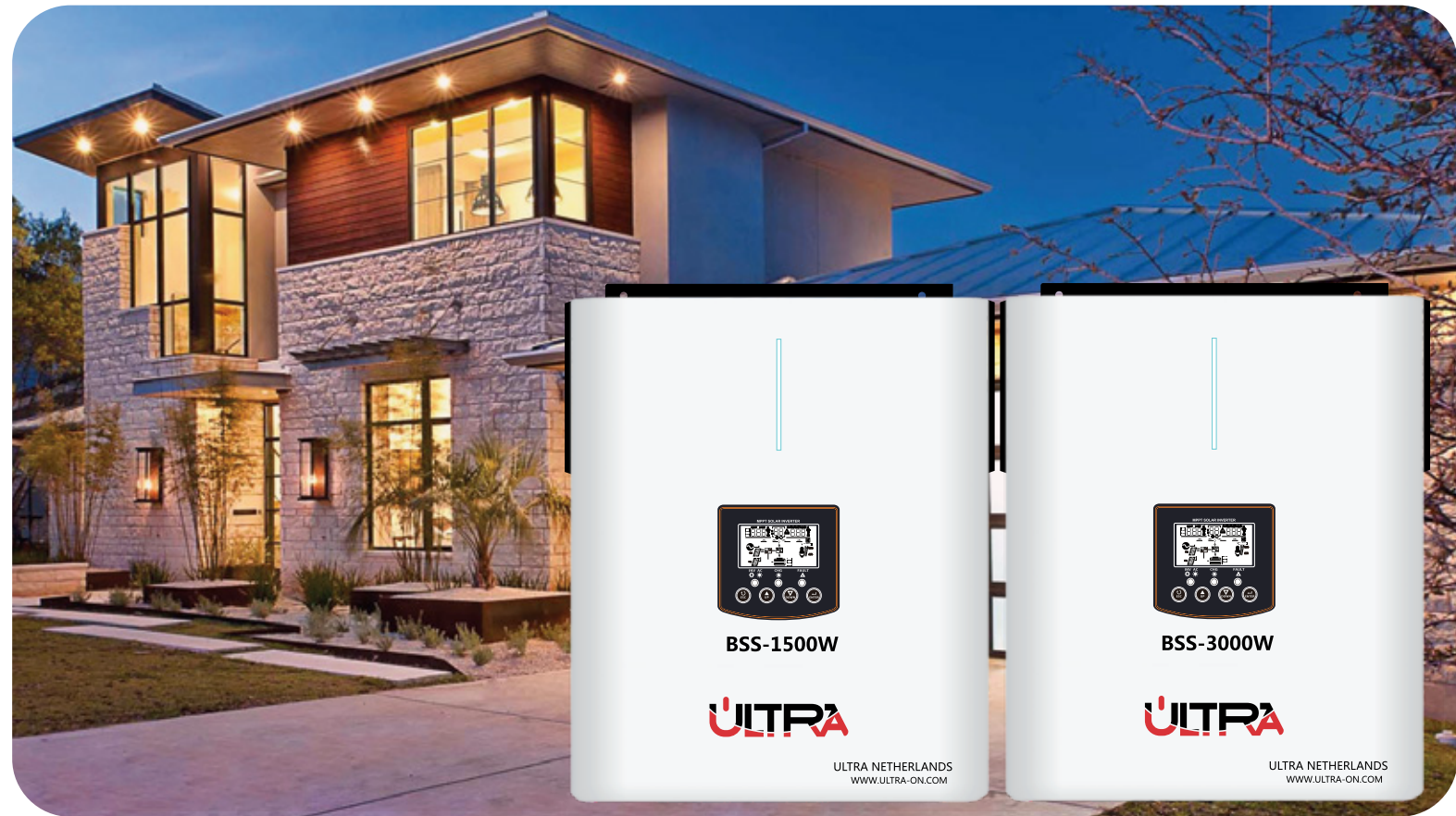




The power for your life

HYBRID INVERTER BSS SERIES (1.5KW-3KW)



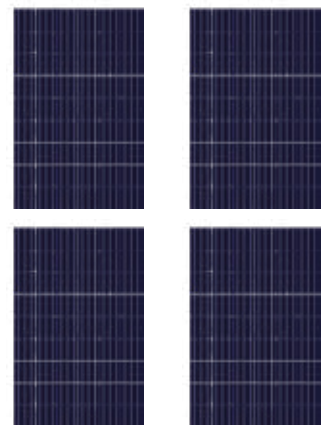
PRODUCT FEATURES

- 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.

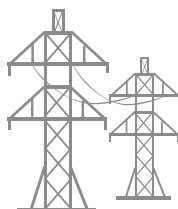
Green Power to Home



Solar Panel



Power grid



Battery bank



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On&Off Grid MPPT Solar Inverter

TECHNICAL PARAMETER

| NEW MODEL | BSS-1500W | BSS-3000W |
|---------------------------------------|---|-----------|
| Max. PV Array Power | 2000W | 3000W |
| Rated Output Power | 1500W | 3000W |
| Maximum PV Array Open Circuit Voltage | 500VDC | |
| MPPT Range @ Operating Voltage | 60Vdc-430Vdc | |
| 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 | 6.5A | 8.7A |
| Power Factor | 1 | |
| EFFICIENCY | | |
| Maximum Conversion Efficiency (DC/AC) | 98% | 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 | 30A | 30A |
| 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 | 12Vdc | 24Vdc |
| Maximum Solar Charge Current | 80 A | 80 A |
| Maximum AC Charge Current | 80 A | 80 A |
| Maximum Charge Current | 80 A | |
| GENERAL | | |
| PHYSICAL | | |
| Dimension, D x W x H (mm) | 128*300*363 | |
| Net Weight (kgs) | 6.9 | 7.5 |
| INTERFACE | | |
| Communication Ports | USB/RS232/RS485/WIFI | |
| ENVIRONMENT | | |
| Humidity | 0 ~ 90% RH (Non-condensing) | |
| Operating Temperature | -10°C to 50°C | |

