



HYBRID INVERTER BSS SERIES (8KW-10KW)

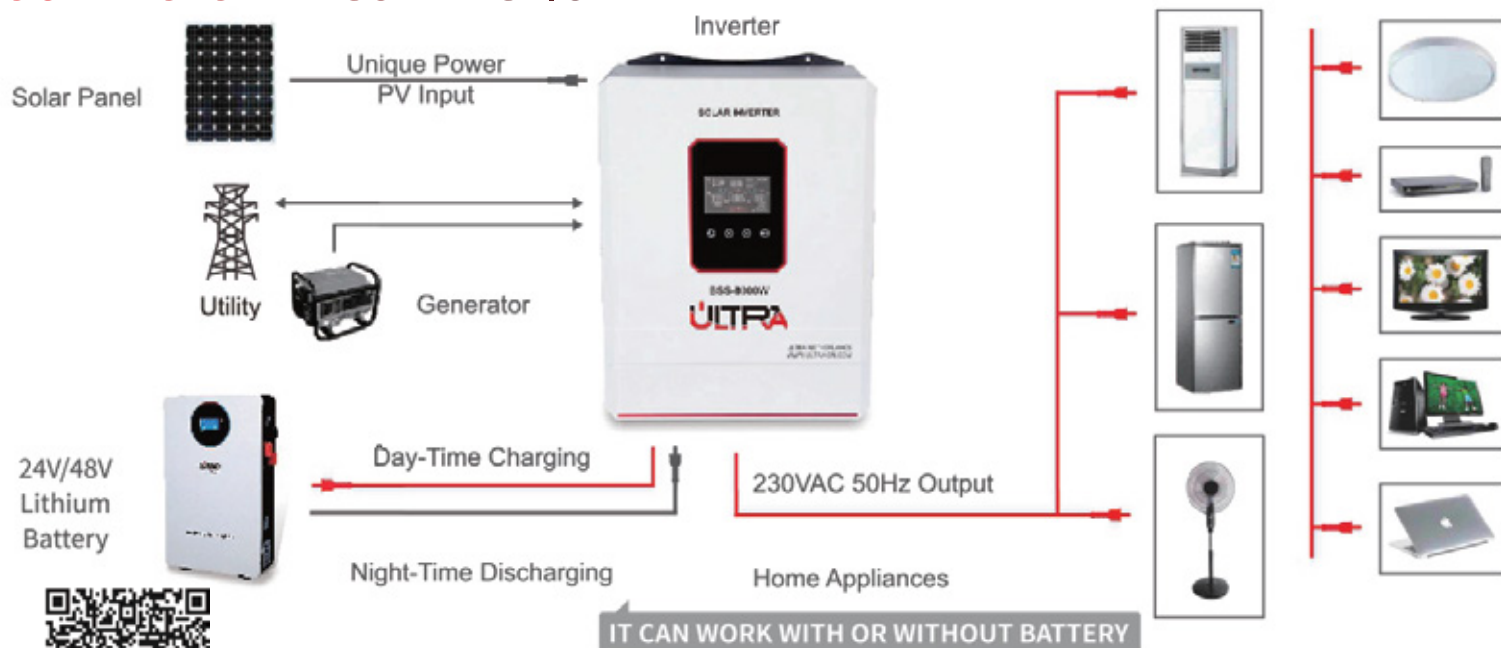
The power for your life

MAIN FEATURES

- Pure sine wave, Hybrid on&off inverter can feed to grid
- Optional Local WIFI&GPRS available for IOS and Andoid
- Inverter running with or without battery
- Build-in Lithium battery automatic activation
- Build-in 120A/160A MPPT solar charge controller
- High PV input voltage rang (90~450VDC)
- Dual output L1/L2
- Battery independent design
- User-friendly LCD operation
- Enhanced charging power



SOLAR SYSTEM CONNECTION



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On&Off Grid MPPT Solar Inverter

TECHNICAL PARAMETER

NEW MODEL	BSS-8000W	BSS-10000W
Max.PV Power	8200W	10200W
Rated Power	8200W	10200W
Max.Charge Current	160A	160A
BATTERY		
Battery Voltage	48VDC	48VDC
Floating Charge Voltage	54VDC	54VDC
Overcharge Protection	63VDC	63VDC
Battery Type	Compatible with GEL, AGM, Lllithium Battery	
GRID INPUT		
Voltage	230 VAC	
Selectable Voltage Range	170-280VAC(For Personal Computers);90-280 VAC (For Home Appliances)	
Frequency Range	50 Hz/60 Hz (Auto sensing)	
Efficiency(AC Mode)	98%	
Power Factor	1	
AC OUTPUT		
AC Voltage Regulation (Batt. Mode)	230 VAC ± 5%	
Surge Power	16400W	20400W
Efficiency (Peak)	95%~98%	
Transfer Time	3ms(For Personal Computers); 5ms (For Home Appliances)	
Waveform	Pure sine mave	
Nominal Output Current	36A	45A
DUAL LOADS AC OUTPUT		
Full Load	8200W	10200W
Maximum Main Load	8200W	10200W
Maximum Second Load (Battery Mode)	2800W	3400W
Main Load Cut Off Voltage	44VCD	44VCD
Main Load Return Voltage	54VCD	54VCD
SOLAR CHARGER &AC CHARGER		
Solar Charger Type	MPPT	
Maximum PV Array Power	5400W*2	5400W*2
Max. input Current	18A	18A
MPPT Range @ Operating Voltage	90~450VDC	90~450VDC
Maximum PV Array Open Circuit Voltage	500 VDC	
Maximum Solar Charge Current	160A	160A
Maximum AC Charge Curent	140A	140A
Maximum Charge Curent	160A	160A
PHYSICAL		
Packing Dimension,DXWXH(mm)	700*510*232	700*510*232
Net Weight (kgs)	17.2	19.1
Communication Interface	USB/RS232/WIFI/GPRS	
OPERATING ENVIRONMENT		
Humidity	5% to 95% Relative Humidity(Non-condensing)	
Operating Temperature	-10°C to 50°C	
Storage Temperature	-15°C to 60°C	
Product specifications are subject to change without further notice.		

