



# HYBRID INVERTER BSS SERIES (8KW-10KW)

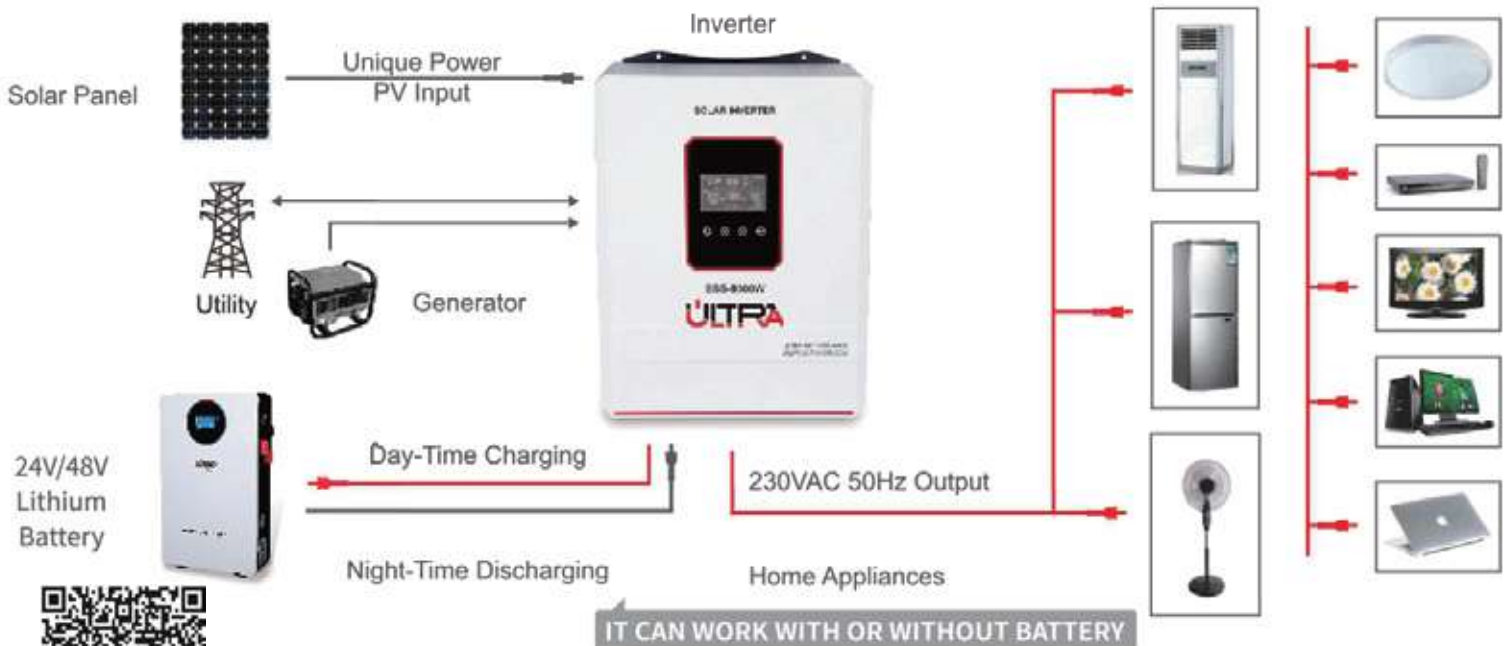
The power for your life

## 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



# 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
<b>BATTERY</b>		
Battery Voltage	48VDC	48VDC
Floating Charge Voltage	54VDC	54VDC
Overcharge Protection	63VDC	63VDC
Battery Type	Compatible with GEL, AGM, Lithium Battery	
<b>GRID INPUT</b>		
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	
<b>AC OUTPUT</b>		
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	
<b>DUAL LOADS AC OUTPUT</b>		
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
<b>SOLAR CHARGER &amp; AC CHARGER</b>		
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 Current	140A	140A
Maximum Charge Current	160A	160A
<b>PHYSICAL</b>		
Packing Dimension,DXWXH(mm)	700*510*232	700*510*232
Net Weight (kgs)	17.2	19.1
Communication Interface	USB/RS232/WIFI/GPRS	
<b>OPERATING ENVIRONMENT</b>		
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.		

