













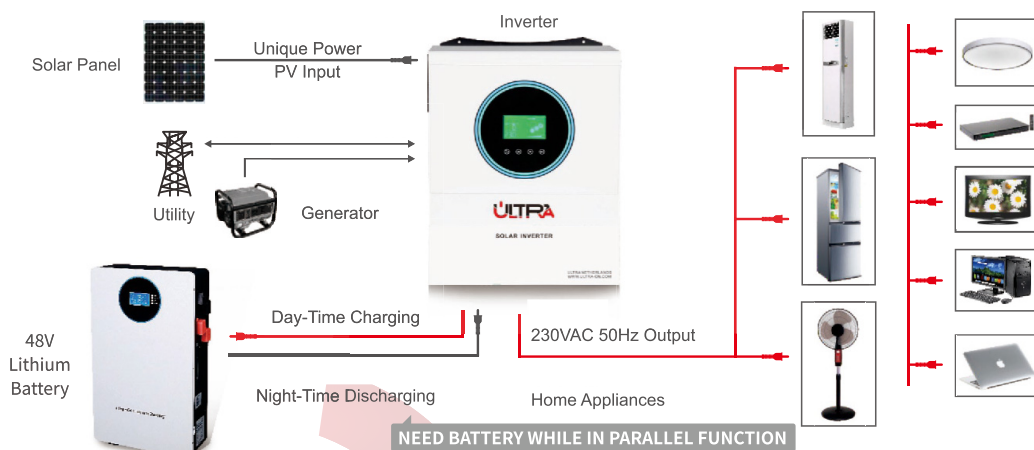


BSS PLUS 8.2KW-11KW On&Off Grid MPPT Solar Inverter IP20

MAIN FEATURES

-  Communication optional: USB/RS232/RS485/Dry-Contact/WIFI
-  Work with or without battery
-  Dual MPPT tracker inside (2pcs*27A)
-  Parallel up to 6pcs optional
-  3 IN 1: MPPT INVERTER, ON GRID/OFF GRID/HYBRID.
-  Touch LCD screen
-  Real Hybrid Can Feed into Grid
-  RGB Light
-  Dual AC output L1/L2
-  WIFI monitor(local wifi+remote wifi)
-  With BMS (Smart battery management), can communicate with LiFePO4
-  Support -Three Phase Equipment

Solar System Connection



TECHNICAL PARAMETER

MODEL	BSS-8000W	BSS-11000W
Basical information		
Rated AC Output Power	8200W	11000W
Grid-Tie Operation		
PV Input (DC)		
Nominal DC Volt/Max DC Voltage	360VDC/450VDC	
Start-up Voltage/Initial Feeding Voltage	80VDC	120VDC
MPPT Voltage Range	90-450VDC	
No. of MPPT Tracker/Max. Input Current	27A *2(MAX 40A)	
Max. PV Input Power	12000W(6000W*2)	12000W(6000W*2)
Grid Output (AC)		
Nominal Output Volt	220Vac/230Vac/240Vac, Single Phase	
Output Voltage Range	184V-265Vac or 195-253V (Selectable)	
Nominal Output Current	40A(Max. 2nd Output Current)	47.8A
Power Factor	>0.9	
Efficiency		
Max. Conversion Efficiency (DC/AC)	96%	
Off-Grid Operation		
AC Input (AC)		
AC Start-up Voltage/Auto Restart Volt.	120Vac-140Vac/180Vac	
Acceptable Input Voltage Range	90-280Vac or 170-280Vac	
Max. AC Input Current	60A	60A
Battery Mode Output (AC)		
Nominal Output Volt	220Vac/230Vac/240Vac	
Waveform	Pure sine wave	
Efficiency(DC to AC)	93%	
Battery & Charger		
Battery Type Supported	Lead Acid/VRLA/AGM/Deep Cycle/Gel/Flooded/Tubular/Lithium-Ion	
Nominal Battery Voltage	48Vdc	
Max Solar Charge Current	150A	150A
Max AC Charge Current	150A	150A
Max Total Charge Current	150A	150A
General		
Physical		
Products Dimension,D X W X H (mm)	552*422*152	552*422*152
Product Net Weight(kgs)	18.8	19.1
Product Gross Weight(kgs)	20.9	21.3
Packing Dimension,D X W X H (mm)	700mm*510*mm*232mm,1PC/CTN	696mm*567mm*243mm,1PC/CTN
Parallel functions	Yes, MAX. 6pcs	Yes, MAX. 6pcs
Communication Interface	RS232,USB,WIFI	RS232,USB,WIFI
Environment		
Humidity	5% to 95% Relative Humidity(Non-condensing)	
Operating Temperature	-10°C to 50°C	
Storage Temperature	-15°C to 60°C	