

BLUE STAR 10KW-40KW

Pure Sine Wave Inverter Blue Star Series

Blue Star 10KW-40KW (1ph in / 1ph out)



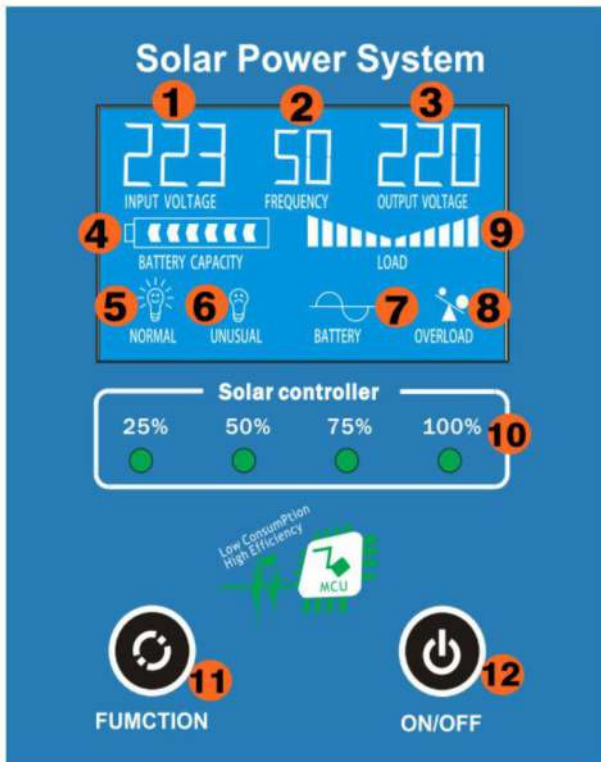
Key Features:

1. Pure sine wave output.
2. Low DC voltage, saving system cost.
3. AC charge current 0-45A adjustable.
4. Wide LCD screen, clearly and precisely shows icon data.
5. 100% imbalance loading design, 3 times peak power.
6. Setting different working modes based on variable usage requirements.
7. Optional setting for DC or AC Mode priority
8. Various communication ports and remote controls
10. (RS232/RS485/APP/SNMP/GSM optional)
11. Support Generator connection
12. Wwide Input range and AVR Output
13. Optional choice to add built-in PWM or Mppt Controller

Shenzhen UPSen Electronic CO.,Ltd.

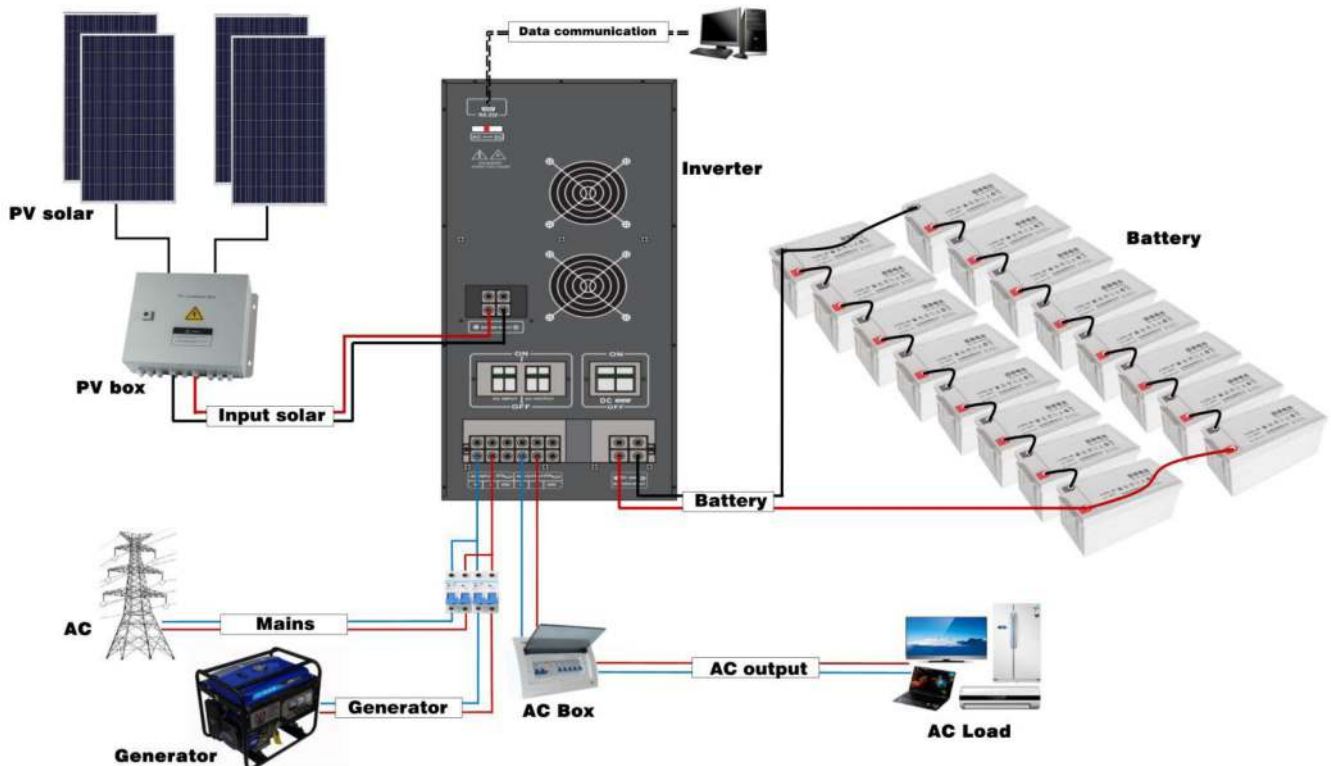
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Display Panel



1. AC Input Voltage
2. AC Output Frequency
3. AC Output Voltage
4. Battery Capacity
5. AC Input Normal
6. Fault Display
7. Inverter Working Mode
8. AC Load Overload
9. AC Load Capacity
10. Solar Controller Charging Indicator
11. Function Button (Can set Mute mode)
12. ON / Off Button

Application:



Technical Specification:

Model		BS10KW	BS12KW	BS15KW	BS20KW	BS25KW	BS30KW	BS40KW	
Rated power		10KW	12KW	15KW	20KW	25KW	30KW	40KW	
Battery	Rated volatage	96V/192V/216V/240VDC		192/216/240VDC		216/240VDC	240Vdc	384Vdc	
	Charge current	MAX 15A							
Input	voltage range	85VAC-137VAC/170VAC-275VAC							
	Frequency	45-65Hz							
Output	Voltage range	Inverter Output: 110VAC/115VAC/120VAC/220VAC/230VAC/240VAC±2% Mains Output: 110VAC/115VAC/120VAC/220VAC/230VAC/240VAC±10%							
	Frequency	Inverter Output: 50/60HZ±1% ; Mains Output: Automatic track							
	Efficiency	≥85%(80% Resistive load)							
Output waveform		Pure sine wave;							
Conversion time		≤4ms (Typical load);							
Mode		DC Mode / AC Mode;							
Display		LCD							
Communication		RS232							
Cooling method		Temperature control fan cooling;							
Protection		Overload / overcurrent / short circuit / over temperature							
Temperature		-10°C-40°C							
Noise		≤55dB							
Machine size :		485*300*646		600*300*800			720*435*1120		
L x W x H(mm)									
Package Size :		545*360*770		660*360*925			780*495*1245		
L x W x H(mm)									
Net weight (kg)		66	105	108	113	123	135	160	
Gross weight (kg)		77	118	121	130	138	150	180	
Optiona: Add Built-in PWM Controller (Model NO. Blue Star Plus Series)									
Rated current		50A/100A/150A/200A							
Input voltage range		96V:120-200VDC; 192V:240-350VDC; 216V:270-400VDC; 240V:300-450VDC							
Maximum input power	50A (96V:5kw, 192V:10kw, 216V:11kw, 240V:12kw, 384V: 20Kw)								
	100A (96V:10w, 192V:20kw, 216V:22kw, 240V:24kw, 384V: 40Kw)								
	150A (96V:15w, 192V:30kw, 216V:33kw, 240V:36kw, 384V: 60Kw)								
	200A (96V:20w, 192V:40kw, 216V:44kw, 240V:48kw, 384V: 80Kw)								