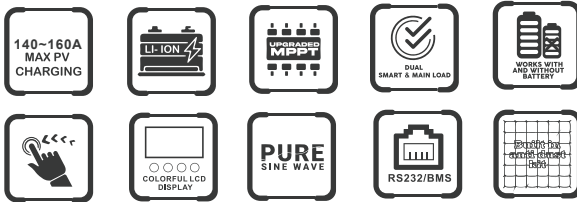


BSM-10200LV-48

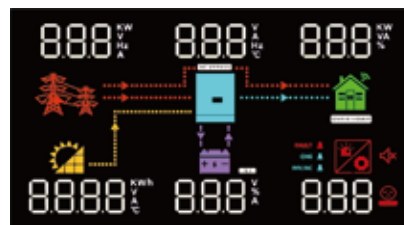
Hybrid Solar Inverter



»» FEATURES

- Pure sine wave solar inverter(on/off grid)
- Inverter running without battery
- Output power factor 1.0
- High PV input voltage range(90~500VDC)
- WIFI&GPRS available for IOS and Android
- Built-in anti-dusk kit for harsh enviroment
- Built-in 180A(for 10.2KW)MPPT solar charge
- Smart battery charge design to optimize battery life
- One-click restoration to factory settings
- Dual output
- Built-in lithium battery automatic activation
- Touch button

»» OVERVIEW



LCD DISPLAY



WIFI-APP

MODEL		BSM-10200LV-48
	Phase	1-phase
	Maximum PV Input Power	10200W
	Rated Output Power	10200W/10200VA
	Maximum Solar Charging Current	160A
GRID-TIE OPERATION	PV Input(DC)	
	Nominal DC Voltage/Maximum DC Voltage	360VDC/500VDC
	Start-up Voltage/Initial Feeding Voltage	90VDC/120VDC
	MPPT Voltage Range	90VDC~450VDC
	Number Of MPPT Trachers/Maximum Input Current	2/18A
	GRID OUTPUT(AC)	
	Nominal Output Voltage	200/230/240VAC
	Output Voltage Range	195.5~253VAC
	Nominal Output Current	44.3A
	Power Factor	>0.99
	Feed-in Grid Frequency Range	49~51
	EFFICIENCY	
	Maximum Conversion Efficiency(DC/AC)	98%
	TWO LOAD OUTPUT POWER(V2.0)	
	Full Load	10200W
	Maximum Main Load	10200W
	Maximum Second Load(Battery mode)	3400W
	Main Load Cut Off Voltage	44VDC
Main Load Return Voltage	52VDC	
OFF-GRID OPERATION	AC INPUT	
	AC Start-up Voltage/Auto Restart Voltage	120-140VAC / 180VAC
	Acceptable Input Voltage Range	90-280VAC or 170-280VAC
	Maximum AC Input Current	50A
	Nominal Operating Frequency	50/60Hz
	Surge Power	20400W
	PV INPUT(DC)	
	Maximum DC Voltage	500VDC
	MPPT Voltage Range	90VDC~450VDC
	Number of MPPT Trackers/Maximum Input Current	2/18A
	BATTERY MODE OUTPUT(AC)	
	Nominal Output Voltage	48VDC
	Output Waveform	Pure sinewave
	Efficiency(DC to AC)	94%
	BATTERY & CHARGER	
	Nominal DC Voltage	48VDC
	Maximum Solar Charging Current	160A
	Maximum AC Charging Current	140A
PHYSICAL		
Dimension,D X W X H	530*420*160	
Net Weight(kgs)	14.8	
Gross Weight(kgs)	16.3	
INTERFACE		
Commuication Prot	RS232/WIFI/GPRS/LITHIUM BATTERY	