

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 environment
- Built-in 160A 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

BOLI hybrid inverter product is an solar energy DC-AC system, which is used together with photovoltaic modules and batteries, to form a set of household energy storage system.



Specifications

Product model	BL-11KW-P
Rated output power	11000W
Max. peak power	11000W/22000VA
Phphase	single phase
Maximum Solar Charging Current	160A
Parallel function	MAX. 9 sets
PV INPUT (DC)	
Nominal DC Voltage/Maximum DC Voltage	360VDC/500VDC
Start-up Voltage/Initial Feeding Voltage	90VDC/120VDC
MPPT Voltage Range	90VDC~500VDC
Number Of MPPT Trackers/Maximum Input Current	2/18A
GRID TIE OUTPUT (AC)	
Nominal Output Voltage	220/230/240VAC
Output Voltage Range	90-280VAC±3V (APP Mode) 170-280VAC±3V (UPS Mode UPS)
Nominal Output Current	47.8A
Power Factor	>0.99
Feed-in Grid Frequency Range	50/60Hz±0.1%HZ

Product model	BL-11KW-P
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	22000W
PV INPUT(DC)	
Maximum DC Voltage	360/500VDC
MPPT Voltage Range	90~500VDC
Number of MPPT Trackers/Maximum Input Current	2/18A
BATTERY MODE OUTPUT(AC)	
Nominal Output Voltage	220/230/240VAC
Output Waveform	Pure sine wave
BATTERY & CHARGER	
Nominal DC Voltage	48V/51.2V DC
Maximum Solar Charging Current	150A
Maximum AC Charging Current	120A
Maximum Solar+AC Charging Current	160A
PHYSICAL	
Dimension, H X W X D	570mm*500mm*148mm
Net Weight(kgs)	20
Cooling Method	Internal Fan
COMMUNICATION	
Embedded Interfaces	RS485 / CAN / USB / Dry contact
CERTIFICATION	
Safety	IEC62109-1, IEC62109-2
EMC	EN61000-6-1, EN61000-6-3, FCC 15 class B

