



invertiSOL
ENERGY STORAGE
INVERTER
BH ULTRA SERIES

InvertiSOL ENERGY STORAGE BH ULTRA **11000VA**

FEATURES



- Lithium Battery Auto-restart Function More Convenient for Lithium Battery Charging
- Intelligent Power Supply Mode, Intelligent Distribution of Solar Panel/Mains/Battery Power Shares
- Utility Charging Voltage/PV Charging Voltage Adjustable Match Different Battery Charging Requirements
- Slim Body, Convenient Installation and Transportation
- Battery Reverse Connection Protection with Fuse Switch, Safer Installation
- PF1.0, High Efficiency, Lower Consumption, Energy Conservation/Environmental Protection/Electricity Saving/Cost Saving
- Support Working without Battery: Reduce Solar System Cost
- High Precision of Output Voltage, $\pm 5\%$, Take Care of Your Appliances
- Communication Option: External WIFI, Supervise at Any Time
- BMS function for lithium battery

APPLICATION



Commercial car park Street lighting/monitoring Family/greenhouse Commercial/constru

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PARAMETERS

Model		BH11048SMH
Input Formation		L+N+PE
AC Input		220/230/240VAC
Input Voltage Range		90-280VAC $\pm 3V$ (Normal Mode)185-264VAC $\pm 3V$ (UPS Mode)
Frequency		50/60Hz(Adaptive)
Rated Power		11000W
Dual Output Power		8600W/12000W
Output Voltage (AC)		220/230/240VAC $\pm 5\%$
Output Frequency		50/60Hz $\pm 0.1\%$
Output Wave		Pure Sine Wave
Transfer Time (Adjustable)		10ms for Computer Equipment,20ms for Household Equipment
Peak Power		22000VA
Overload Ability		Battery Mode: 21s@102%~110% load 10s@110%~130% load 3s@130%-150% load 400ms@>150% load
Grid connected Operation	Output Voltage	220/230/240VAC $\pm 5\%$ (Feed-in Grid Voltage Range:195~253VAC)
	Grid Voltage Range	170-265VAC
	Grid Frequency Range	49-51 ± 1 Hz/59-61 ± 1 Hz
	Power Factor Range	>0.99
	Max efficiency (DC/AC)	98%
Rated Voltage		48VDC
Constant Charging Voltage		56.4Vdc
Float Charging Voltage		54VDC
PV Charging Method		2*MPPT
Max PV Input Power		2*7500W
PV Input Voltage Range		90~500VDC
MAX PV Input Voltage		500VDC
MAX PV Input Current		27A/27A
MAX PV Charge Current		150A
MAX AC Charge Current		150A
MAX Charge Current		150A
LCD		Can display operating mode/load/input/output
RS232		5PIN/Pitch2.54mm, Baud Rate 2400
Expansion Slot Communication Interface		Lithium Battery BMS Communication Card, WIFI 2x5PIN/Pitch2.54mm
Operating Temperature		-10 $^{\circ}$ C~50 $^{\circ}$ C
Storage Temperature		-15 $^{\circ}$ C~60 $^{\circ}$ C
Ork Altitude		No more than 1000m, If 1000m<,Rate power will lower, MAX 4000m, Refer
Operating Environment Humidity		Non-Condensing
Noise		<50dB
L*W*H(mm)		570.8x471x148.2mm

