



LIVOLTEK Battery Inverter



High Performance

Can achieve up to 9 units of connection in parallel operation with maximum 45Kw output power.



Intelligent O&M

Inverter settings can be done either on LCD screen or via USB, easy to monitor and debug locally and remotely.

Features

- Pure sine wave inverter
- Selectable input voltage range for home appliances and personal computers
- Selectable charging current based on applications
- Configurable AC input priority via LCD setting
- Compatible to AC mains or generator power
- Parallel operation with up to 9 units
- Battery equalization for optimized battery performance and lifecycle

Specifications

Model	BI1-5K-48
Input	
Voltage	230Vac
Selectable Voltage Range	170-280Vac(for personal computers) 90-280Vac(For Home appliances)
Frequency Range	50~60HZ(Auto-sensing)
Output	
AC Voltage Regulation(Batt.Mode)	230Vac+/-5%
Rated Power	5000VA/5000W
Surge Power	10000VA
Efficiency(Peak)	93%
Transfer Time	10ms(For personal computers) 20ms(For home appliances)
Waveform	Pure sine wave
Battery	
Battery Voltage	48Vdc
Floating Charge Voltage	54Vdc
Overcharge Protection	60Vdc
AC charger	
Standby Power Consumption	2W
Max.AC Charge Current	60A
Max.Charge Current	110A
General Data	
Dimension D*W*H(mm)	155x295x455
Net Weight(Kgs)	9.8
Humidity	5~95%RH(Non-condensing)
Operating Temp	0℃ to 55℃
Storage Temp	-15℃ to 60℃
Parallel Capability	yes 9 units