

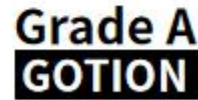
High-voltage Brick Type Lithium Iron Battery

Features



- Quality and safety are our lifelines, and the cells are only from the top five suppliers in China.
- Unique BMS technology: BYD vehicle-grade BMS technology iteration is used in the field of energy storage, making it outstanding.
- 20 technological processes have strict inspection records, and quality information can be traced with Touch Buttons.
- High life cycle, the design life is more than 10 years, and the warranty is 10 years.
- Compatible with mainstream inverters, plug and play, independently developed by BMS, high safety and high reliability, host integrated high voltage module.
- Automotive-grade technology, the display screen interface can be customized, free assembly for power expansion on demand, and easy installation.
- Onesun has covered its battery with PICC (the People's Insurance Company of China).

Advantages



Product Parameters

Item	SUNIZE-HB240V100AH SUNIZE-HB256V100AH	SUNIZE-HB288V100AH SUNIZE-HB307V100AH	SUNIZE-HB336V100AH SUNIZE-HB358V100AH	SUNIZE-HB384V100AH SUNIZE-HB410V100AH
Cell Type	LiFePO4			
Typical Capacity	100AH			
Minimum capacity	96AH			
Nominal voltage	240V 256V	288V 307V	336V 358V	384V 410V
End-of-charge Voltage	272V 290V	328V 350V	383V 408V	438V 467V
End-of-discharge Voltage	198V 212V	238V 254V	278V 296V	318V 340V
Max Charge Current	100A			
Max Continuous Discharge Current	100A			
Instantaneous Max Discharge Current	150A			
Over Current Protection	120A			
Protection function	OCVP/UVP/OCP/SCP etc./OTP			
Communication type	RS485 / CAN			
Operating temperature	Charging :0°C~50°C Discharging: -15°C~60°C			
Cycle Life	3000 times/4000 times/5000 times/6000 times			
Storage temperature	-5°C~35°C			
Storage Humidity	≤75% RH			
Standard environmental condition	Temperature: 25±2°C Humidity: 45-75%RH Atmospheric Pressure: 86- 106 KPA			
Charge connector	Waterproof connector			
Discharge connector	Waterproof connector			
Shell Material	Metal			
Shell Color	White			
Size	460mm* 565mm* 1140mm	460mm* 565mm* 1320mm	460mm* 565mm* 1500mm	460mm*565mm* 1680mm
Weight	Approx: 245kg	Approx: 290kg	Approx: 340kg	Approx: 380kg