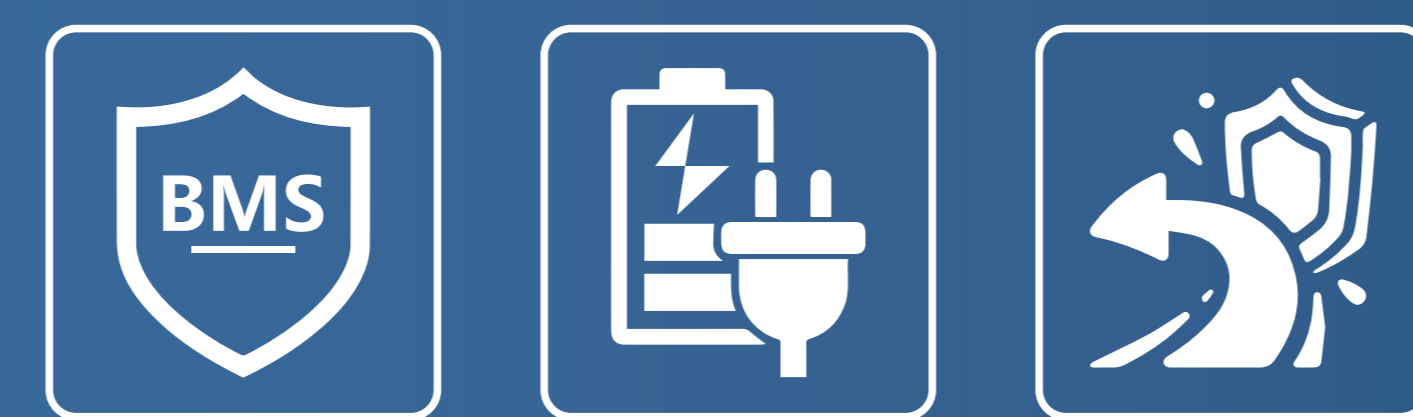


HIGH VOLTAGE

LiFePO4 BATTERY



204.8-512V
HVM64-160S100BL-U



01 BATTERY FEATURES

- ◆ Original A-grade lithium iron phosphate battery cell has high safety and reliability
- ◆ Intelligent integrated BMS, all-round protection strategy and fault detection
- ◆ Modular design, parallel expansion, flexible choice of voltage and capacity
- ◆ Large capacity, high charging and discharging efficiency, more than 6000 cycle life
- ◆ Built-in fire extinguishing device, automatically deal with ultra-early warning thermal runaway status
- ◆ Bottom tripod design, standard cabinet for easy installation and easy maintenance
- ◆ ON/OFF switch control output
- ◆ LCD display, dynamic display of system operating status data

Product Description

Product Type	HVM64S100BL-U	HVM96S100BL-U	HVM128S100BL-U	HVM160S100BL-U
Number of Modules	4	6	8	10
Battery Capacity	100Ah	100Ah	100Ah	100Ah
Battery Energy	20.48KWh	30.72KWh	40.96KWh	51.2KWh
Size(L×W×H) mm	548×584×1500	548×584×1500	548×584×1950	548×584×2300
Weight	235Kg	384Kg	425Kg	510Kg
Standard Charge Current	20A	20A	20A	20A
Standard Discharge Current	20A	20A	20A	20A

Features

Battery Type	LFP			
Cycle Life	≥ 6000 times @ 80% DOD, 25 °C			
Nominal Voltage	204.8V	307.2V	409.6V	512V
Operating Voltage Range	160-584V			
IP Protection	IP 21			
Installation	Cabinet Holding			
Charging Temperature	0~60°C			
Discharge Temperature	-10~60°C			

Conventional

BMS Monitoring Parameters	SOC, System voltage,current, cell voltage, cell temperature, PCBA temperature measurement
Communication Port	RS485/CAN
Waranty	5 or 10 years(optional)

02 FIELDS OF APPLICATION

High Voltage Energy Storage Batteries can be stacked, and the main use areas are as follows:

Standby power

Home energy storage

Machine shop

Solar storage ...

