



## Wall Mounted LiFePO4 Battery

51.2V (100Ah & 200Ah)

- Longer Cycle Life
- Small size, light weight, thin thickness.
- Wider Temperature Range: 20C~60C.
- WIFI function
- Supports the communication protocol of 90% inverter manufacturers on the market



High Storage Density



Easy to Install



Support Parallel Operation

## Application

- Household energy storage system
- Electric Power System
- Solar/wind energy storage system
- Telecommunication
- Residential/Hospital/School/Factory standby power
- Lighting



Environmental Protection

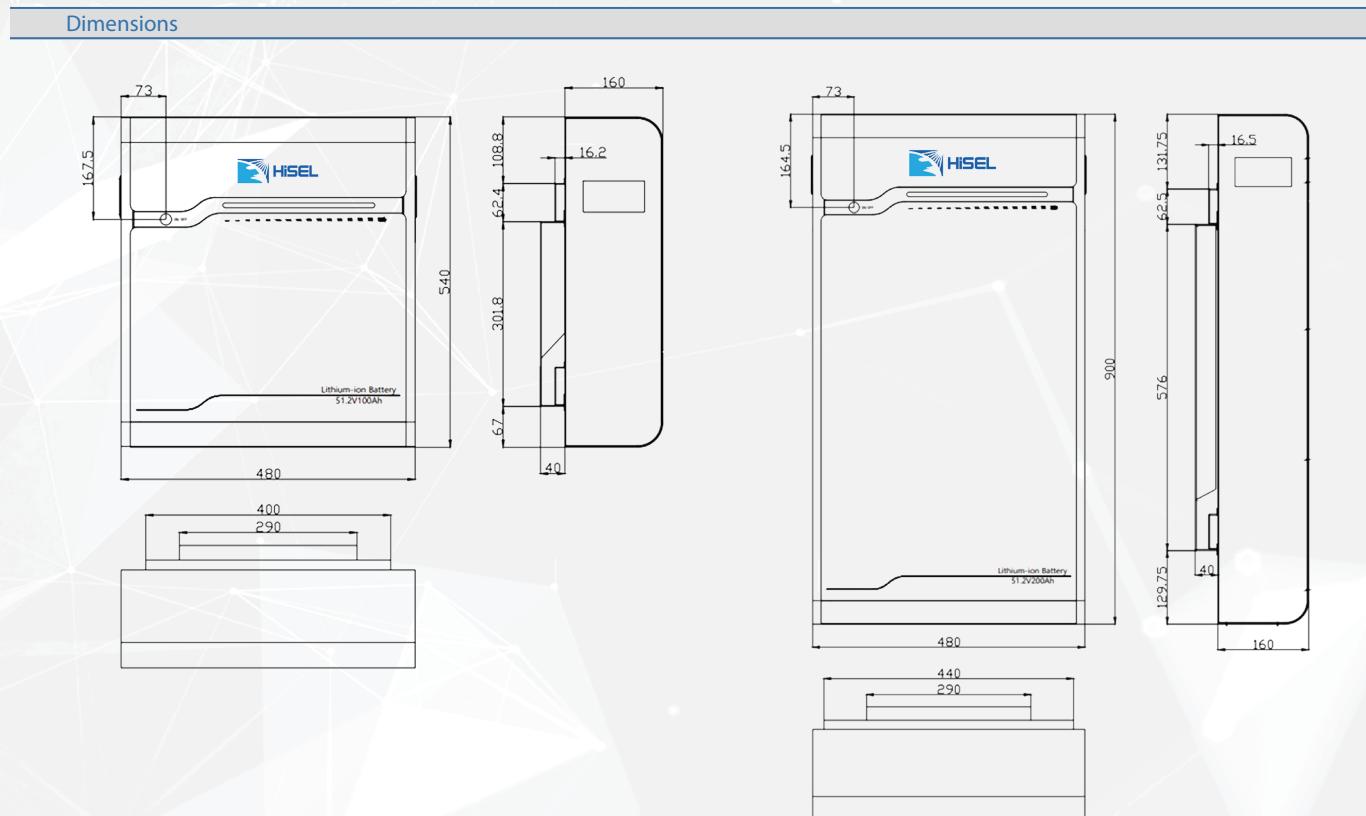


Long Cycle Life



Support Deep Customization

Technical Data	51.2V100AH	51.2V200AH
Nominal Voltage	51.2V	51.2V
Rated Capacity	100Ah	200Ah
Rated Energy	5120Wh	10240Wh
Pack Over-Voltage Protection (V)	57.6	
Pack Over-Voltage Release (V)	54.4	
Pack Under-Voltage Protection (V)	42.2	
Pack Under-Voltage Release (V)	48	
Cell Over-Voltage Protection (V)	3.65	
Cell Over-Voltage Release (V)	3.34	
Cell Under-Voltage Protection (V)	2.6	
Cell Under-Voltage Release (V)	3.0	
Nominal Charge Current (A)	50	
Maximum Discharge Current (A)	100	150
Depth of Discharge		>80%
Cycle Life		≥6000 times (<0.5C)
Parallel Connection		Support (suggestion8 groups)
Series Connection		Not Supported
Charge Temperature(°C)		0~50
Discharge Temperature(°C)		-20~55
Relative Humidity		0~95%
Storage Temperature(°C)		-20~+45 (≤1 month) ; 0~+35(≤1 year)
Communications		RS232/RS485/CAN/WIFI


**51.2V100AH**
**51.2V200AH**

The specifications and key features contained in this datasheet may deviate slightly from our actual products due to on-going innovation and product enhancement. HiSEL Power Corporation reserves the right to make necessary adjustment to the information described herein at any time without notice.

Caution: For professional use only. The installation and handling of PV equipment requires professional skills and should only be performed by qualified professionals. Please read the safety and installation instructions before using the product.