HiSEL

powering the world to a sunnier future



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

Environmental Protection

Long Cycle Life

Support Deep Customization

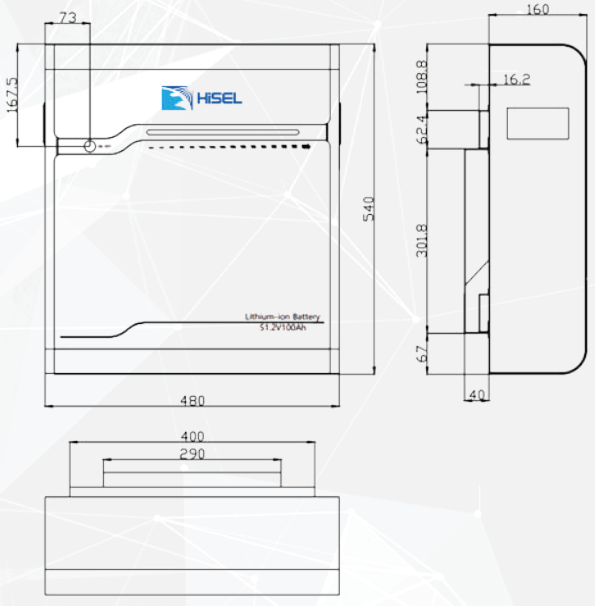
Application

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

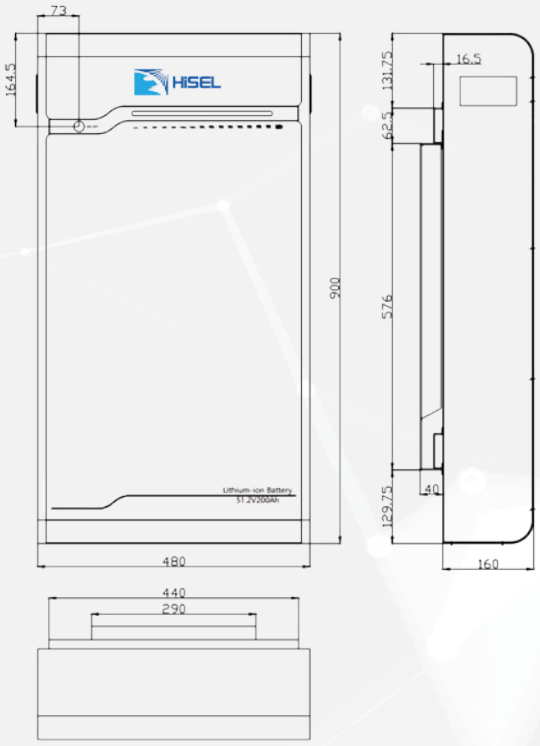
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Technical Data	51.2V100AH	51.2V200AH
Nominal Voltage	51.2V	
Rated Capacity	100Ah	200Ah
Rated Energy	5120Wh	10240Wh
Pack Over-Voltage Protection (V)	57.6	
Pack Over-Voltage Release (V)	54.4	
Pack Under-Voltage Protection (V)	42.2	
Pack Under-Voltage 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 Temperatuer(℃)	0~50	
Discharge Temperature(℃)	-20~55	
Relative Humidity	0~95%	
Storage Temperature(℃)	-20~+45（≤1 month）;0~+35(≤1 year)	
Communications	RS232/RS485/CAN/WIFI	

Dimensions



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.