

产品方案

C0410-512280LS 立式

(51.2V280Ah-沛城 200A 保护板)

Product Plan C0410-512280LS Vertical (51.2V280Ah Peicheng 200A Protection Board)

1、规格 (Specifications)

2024. 4. 16

序号 No.	项目 Items		数值 Value	
1	电芯 Cell		LFP71173207-280Ah (3.2V)	
2	组合格格 Pack Style		16S1P	
3	标称电压 Nominal Voltage		51.2V	
4	标称容量 Nominal Capacity		280Ah	
5	最小容量 Min Capacity		280Ah	
6	额定功率 Rated Power		14336Wh	
7	充电电压 Charging Voltage		58.4V	
8	工作电压 Working Voltage		36.8V~58.4V	
9	充电模式 Charging Mode		CC-CV	
10	充电电流 Charging Current	标准充电电流 Standard Charge Current	56A (0℃~10℃)	
		最大充电电流 Max Charge Current	150A (10℃~45℃)	
11	标准放电电流 Standard discharge Current		140A	
	最大放电电流 Max discharge Current		200A	
12	内阻 Internal Resistance		≤100mΩ	
13	尺寸 Dimension L*W*H/mm		800*483*310 mm (不含接线柱及滚轮 Excluding terminal blocks and rollers) 880*483*310 mm (含滚轮最大尺寸 Maximum size including rollers)	
14	约重 Approx. Weight		≈125Kg	
15	保护板 BMS		沛城 200A 保护板	
16	工作温度 Operating Temperature		Charge	0℃~55℃
			Discharge	-20℃~60℃
17	存储温度 Storage Temperature		1 month	-0℃~45℃
			3 months	-0℃~35℃
			6 months	-0℃~25℃

2、Protection functions（保护功能）

电池内置保护电路模块(PCM)，保证电池充放电安全。

The battery is packed with the protection circuit module (PCM), which can ensure the safety of this battery in charging and discharging.

PCM的主要功能如下:

The main functions of the BMS are as follows:

1) 过充保护

Over charge protection;

2) 过放保护

Over discharge protection;

3) 温度保护

Temperature protection;

4) 过流保护

Overcurrent protection;

5) 软件保护板，采用200A保护板，RS485/RS232/CAN通讯功能,支持对接逆变器通讯

Software protection board, using 200A protection board, RS485/RS232/CAN communication function, supporting communication with inverter docking

6) 带3.2寸蓝屏（按键屏），带200A空气开关，带蓝牙WIFI模块（同时具备）,支持最大16pcs并联使用

Equipped with a 3.2-inch blue screen (button screen), 200A air switch, Bluetooth WIFI module (also included), supporting up to 16pcs parallel use

7) 200A穿墙式接线柱，带6A圆形软开关，黑色壳体

200A wall mounted terminal with 6A circular soft switch and black housing

3、Diagram（图示）



