

产品方案 C0903-512280 堆叠(51.2V280Ah 沛城 200A 保护板)

Product Plan C0903-512280 Stackable (51.2V280Ah PACE 200A Protection Board)

1、规格 (Specifications) 2024.09.03

序号 No.	项目 Items		数值 Value	
1	电芯 Cell		海辰（HITHIUM）LFP71173207-280Ah（3.2V）	
2	BMS		沛城 200A 保护板+3.2 寸按键蓝屏 PACE 200A protection board+3.2-inch button blue screen	
3	组合规格 Pack Style		16S1P	
4	标称电压 Nominal Voltage		51.2V	
5	标称容量 Nominal Capacity		280Ah	
6	最小容量 Min Capacity		280Ah	
7	额定功率 Rated Power		14336Wh	
8	充电电压 Charging Voltage		58.4V	
9	工作电压 Working Voltage		40V～58.4V	
10	充电模式 Charging Mode		CC-CV	
11	充电电流 Charging Current	标准充电电流 Standard Charge Current	56A	
		最大充电电流 Max Charge Current	140A	
12	标准放电电流 Standard discharge Current		140A	
	最大放电电流 Max discharge Current		200A	
13	内阻 Internal Resistance		≤100mΩ	
14	尺寸 Dimension L*W*H/mm		760*645*318 mm（不含接线柱 Excluding terminal posts） 760*681*318mm（含接线柱最大外形尺寸 Maximum external dimensions including terminal posts）	
15	约重 Approx. Weight		≈110Kg	
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) 沛城16S200A软件保护板, 带RS485/RS232/CAN通讯功能,支持对接逆变器通讯,带蓝牙&WIFI。

PACE 16S200A software protection board, with RS485/RS232/CAN communication function, supports communication with inverters, and comes with Bluetooth&WIFI

- 6) 带3.2寸按键蓝屏, 带200A空气开关, 带并联功能, 支持最大16pcs并联使用

Equipped with a 3.2-inch blue screen button, a 200A air switch, and parallel function, supporting up to 16pcs for parallel use

- 7) **250A栅栏式贯穿接线柱, 带圆形带灯软开关, 可堆叠使用（最大4层）**

250A fence style through terminal post with circular light soft switch, stackable for use (up to 4 layers)

3、Diagram（图示）



