

51. 2V100Ah battery with Daly BMS

Product Plan C0714-512100 Stackable (51. 2V100Ah DALLY 100A Protection Board)

1、 (Specifications)

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No.	Items		Value	
1	Cell		Gotion-104Ah (3.2V)	
	BMS		DALY 100A protective board+4.3-inch touch color screen	
2	组合规格 Pack Style		16S1P	
3	标称电压 Nominal Voltage		51.2V	
4	标称容量 Nominal Capacity		104Ah	
5	最小容量 Min Capacity		104Ah	
6	额定功率 Rated Power		5324.8Wh	
7	充电电压 Charging Voltage		58.4V	
8	工作电压 Working Voltage		40V~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	20.8A	
		最大充电电流 Max Charge Current	52A	
11	标准放电电流 Standard discharge Current		52A	
	最大放电电流 Max discharge Current		100A	
12	内阻 Internal Resistance		≤100mΩ	
13	尺寸 Dimension L*W*H/mm		530*460*237 mm (不含接线柱 Excluding terminal posts) 530*490*237 (含接线柱最大外形尺寸 Maximum external dimensions including terminal posts)	
14	约重 Approx. Weight		≈48Kg	
15	工作温度 Operating Temperature		Charge	0℃~55℃
			Discharge	-20℃~60℃
16	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) 达锂16S100A软件保护板, 带蓝牙,带RS485/RS232/CAN通讯功能,支持对接逆变器通讯

Dally 16S100A software protection board,with bluetooth with RS485/RS232/CAN communication function, supporting communication with inverters

6) 带4.3寸触摸彩屏, 带100A空气开关, 带并联模块,支持最大16pcs并联使用

Equipped with a 4.3-inch touch color screen, 100A air switch, parallel module, supporting up to 16pcs parallel use

7) 200A栅栏式贯穿接线柱, 带船型形软开关, 可堆叠使用(最大4层)

200A fence type through terminal post with boat shaped soft switch, stackable for use (up to 4 layers)

8) 选配功能(需另增费用): A)检修口 B)主动均衡功能 C)WIFI

ptional features (additional cost required): A) Maintenance port B) Active balancing function C)WIFI

3、Diagram（图示）



