

# **C0710-512100** (51.2V100Ah Daly 100A BMS)

Product Plan C0710-512100 (51.2V100Ah DALLY 100A software protection board)

## 1、 (Specifications)

2024.07.17

No.	Items	Value	
1	Cell	100Ah-3.2V	
	BMS	<b>DALLY 100A software protection bms with 3.2-inch button blue screen</b>	
2	Pack Style	16S1P	
3	Nominal Voltage	51.2V	
4	Nominal Capacity	100Ah	
5	Min Capacity	100Ah	
6	Rated Power	5120Wh	
7	Charging Voltage	58.4V	
8	Working Voltage	40V~58.4V	
9	Charging Mode	CC-CV	
10	Charging Current	Standard Charge Current	20A
		Max Charge Current	50A
11	Standard discharge Current	50A	
	Max discharge Current	100A	
12	Internal Resistance	$\leq 100\text{m}\Omega$	
13	Dimension L*W*H/mm	448*483*178 mm mm (不含插头 Excluding plug ) 478*483*178 mm (含插头 Including plug)	
14	Approx. Weight	$\approx 48\text{Kg}$	
15	Operating Temperature	Charge	0°C~55°C
		Discharge	-20°C~60°C
16	Storage Temperature	1 month	-0°C~45°C
		3 months	-0°C~35°C
		6 months	-0°C~25°C

## 2、 Protection functions

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

The main functions of the BMS are as follows:

- Over charge protection;
- Over discharge protection;
- Temperature protection;
- Overcurrent protection;

**Equipped with a 16S100A lithium protection board with RS485/CAN communication function, supporting communication with inverters, Supports up to 16pcs parallel use**  
**Equipped with 3.2-inch button blue screen, Bluetooth, and boat shaped switch**

2、Diagram

