

POWER-XTRA

Model : Power-Xtra LiFePO4 PCM/BMS 3.2V (1 Cell) 3A_PCX-D18-2(1S) Stock Code : 900.600.501.137

No.	Test item	Criterion	
1	Voltage	Charging voltage	DC 3.6V CC/CV
		Balance voltage for single cell	
2	Current	Balance current for single cell	
		Current consumption	≤10μA
		Maximal continuous charging current	3A
		Maximal continuous Discharging current	3A
3	Over charge Protection	Over charge detection voltage for single cell	3.65±0.025V
		Over charge detection delay time	0.5S—2S
		Over charge release voltage for single cell	3.45±0.025V
4	Over discharge protection	Over discharge detection voltage for single cell	2.50±0.05V
		Over discharge detection delay time	10mS—200mS
		Over discharge release voltage for single cell	3.0±0.05V
5	Over current protection	Over current detection voltage	0.2±0.02V
		Over current detection current	5.5±1A
		Detection delay time	7.2ms—11ms
		Release condition	Cut load
6	Short protection	Detection condition	Exterior short circuit
		Detection delay time	200-500us
		Release condition	Cut load
7	Resistance	Protection circuitry (MOSFET)	≤60mΩ
8	Temperature	Operating Temperature Range	-40 ~ +85°C
		Storage Temperature Range	-40 ~ +125°C

The picture is for reference only, please refer to the actual product

P+=B+=Charge+/Discharge+

P-=Charge-/Discharge-

Size:L17.5*W16.2*T2mm

