

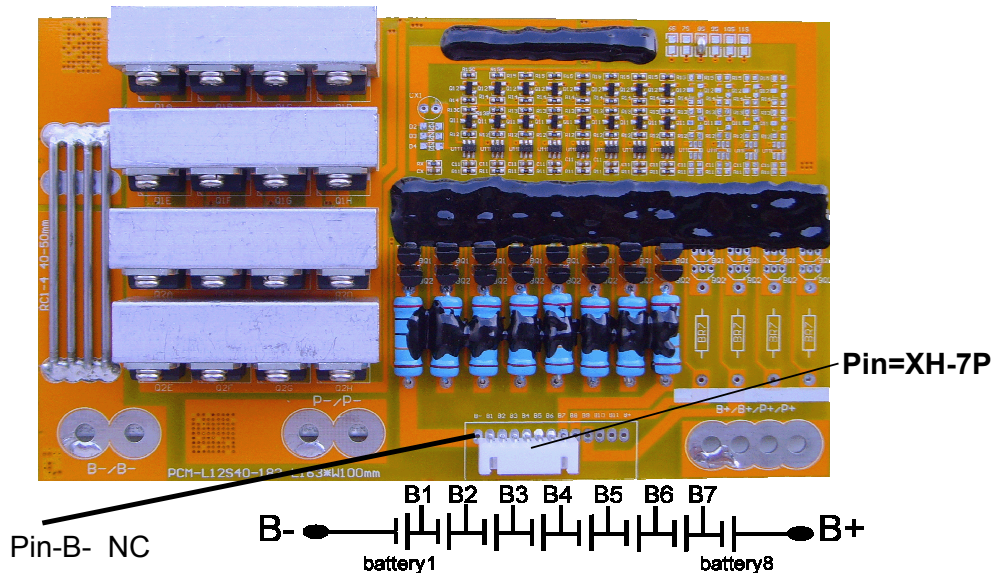
Protection Circuit Module Specifications For 25.6V LiFepo4 Battery Pack

Model: PCM-LFP25.6V40A

No.	Test item		Criterion (Ta = 25°C)
1	Voltage	Charging voltage	DC: 28.4V (3.55V/1Cell)
		Balance voltage for single cell	3.60±0.035V
2	Current	Balance current for single cell	180±20mA
		Current consumption	≤200μA
		Maximal continuous charging current	40A
		Maximal continuous discharging current	40A
3	Over charge Protection (for single cell)	Over charge detection voltage	3.90±0.025V
		Over charge detection delay time	0.5S—2S
		Over charge release voltage	3.80±0.05V
4	Over discharge protection (for single cell)	Over discharge detection voltage	2.00±0.05V
		Over discharge detection delay time	80mS—200mS
		Over discharge release voltage	2.3±0.05V
5	Over current protection	Over current detection voltage	0.6±0.1V
		Over current detection current	100±20A
		Detection delay time	5ms—20ms
		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 B- TO P-)	≤30mΩ
8	Temperature	Operating Temperature Range	-40~+85°C
		Storage Temperature Range	-40~+125°C

SIZE:L163mm*W100mm*T28mm

P+,P- = Charge+/-,Discharge+/-



Important: Must connect from B-/B1 to B7/B+ in sequence, should not connect in random sequence. Otherwise , you will damage the circuit board.