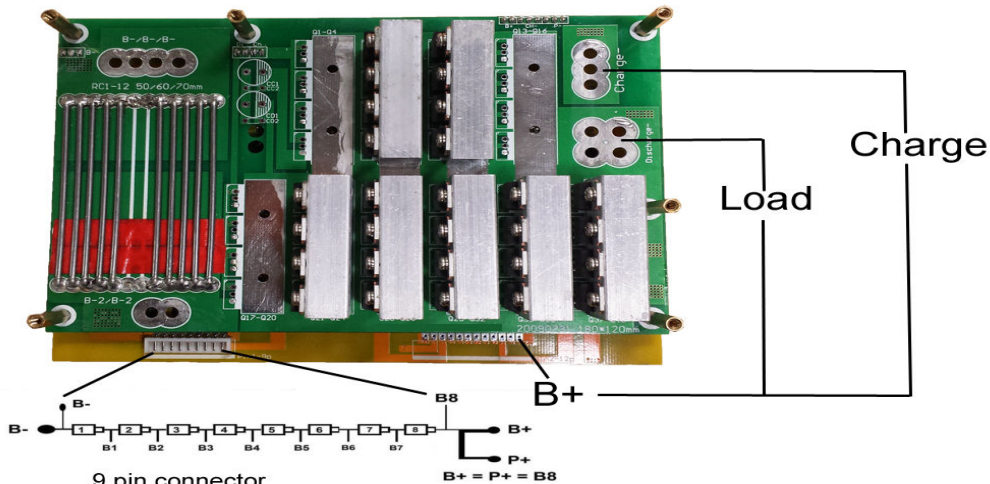


# Protection Circuit Module Specifications For 25.6V LiFePO4 Battery Packs

Model: PCM-LFP25.6V100A LFP-8S

No.	Test item		Criterion
1	Voltage	Charging voltage	DC: 28.8V CC/CV (3.6V/1cell)
		Balance voltage for single cell	3.60±0.025V
2	Current	Balance current for single cell	110±10mA
		Current consumption for single cell	≤20μA
		Maximal continuous charging current	40A
		Maximal continuous discharging current	100A
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	2.0±0.05V
		Over discharge detection delay time	100—250mS
		Over discharge release voltage	2.3±0.1V
5	Over current protection	Over current detection voltage	0.6±0.1V
		Over current detection current	220±20A
		Detection delay time	5ms—20ms
		Release condition	Cut load
6	Short protection	Detection condition	Exterior short circuit
		Detection delay time	200-800us
		Release condition	Cut load
7	Resistance	Protection circuitry	≤30mΩ
8	Temperature	Operating Temperature Range	-40~+85℃
		Storage Temperature Range	-40~+125℃

L180\*W132\*T45mm



**(Batt +) = (Charge +) = (Discharge +)**  
**(Batt -) = (B-) = (B-2)**  
**(Charge -) = For Charging negative**  
**(Discharge-) = (Protection output -)**