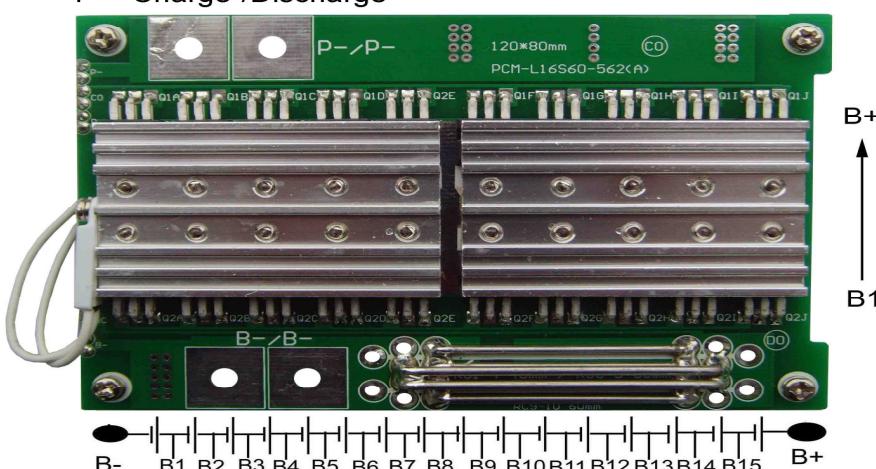


P++B+=Charge+/Discharge+

P- =Charge-/Discharge-

Size:L120*W80*T25mm



Protection Circuit Module Specifications For 51.2V 16S Lifepo4 Battery Packs

Model: PCM-L16S60-562 (16S)

No.	Test item	Criterion	
1	Voltage	Charging voltage	
		DC:57.6V 3.6V/Cell 3.60±0.025V	
2	Current	Balance current for single cell	
		72±10mA	
		Low Current consumption for single cell	
		≤20 μ A	
3	Over charge Protection (single cell)	Maximal continuous charging current	
		60A	
		Maximal continuous Discharging current	
4	Over discharge protection (single cell)	Over charge detection voltage	
		3.90±0.025V	
		Over charge detection delay time	
5	Over current protection	0.5S—2S	
		Over charge release voltage	
		2.00±0.062V	
		Over discharge detection voltage	
6	Short protection	2.00±0.062V	
		Over discharge detection delay time	
		10mS—200mS	
		Over discharge release voltage	
7	Over current protection	0.62V	
		180±30A	
	Resistance	5ms—20ms	
		Cut load,Auto Recovery	
8	Temperature	Detection condition	
		Exterior short circuit	
		Release condition	
		200-500us	
		Cut load,Auto Recovery	
	Protection circuitry	≤20m Ω	
	Temperature	Operating Temperature Range	
		-40～+85°C	
		Storage Temperature Range	
		-40～+125°C	