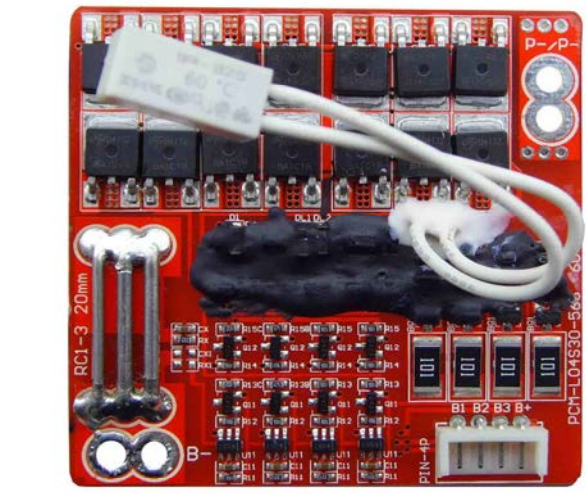
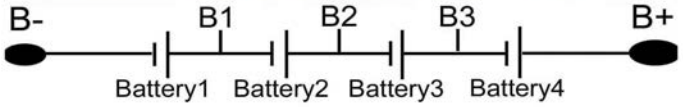
Protection Circuit Module Specifications For 12.8V LiFePO4 Battery Packs			
Model: PCM-L04S30-566 （LFP-4S）			
No.	Test item（Ta = 25° C）		Criterion
1	Voltage	Charging voltage	DC：14.2V CC/CV（3.55V/cell）
		Balance voltage for single cell	3.6V±0.03V
2	Current	Balance current for single cell	72mA±5mA
		Current consumption for single cell	≤20μA
		Maximal continuous charging current	20A
		Maximal continuous discharging current	30A
3	Over charge Protection （single cell）	Over charge detection voltage	3.90±0.025V
		Over charge detection delay time	0.5S—1.5S
		Over charge release voltage	3.80±0.025V
4	Over discharge protection （single cell）	Over discharge detection voltage	2.0±0.05V
		Over discharge detection delay time	100—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	90-110A
		Detection delay time	5ms—15ms
		Release condition	cut load
6	Short protection	Detection condition	Exterior short circuit
		Detection delay time	100-500us
		Release condition	cut load
7	Resistance	Protection circuitry （B- TO P-）	≤30mΩ
8	Temperature	Operating Temperature Range	-40～+85℃
		Storage Temperature Range	-40～+125℃

P-=Charge-/Discharge- Size:L60*W60*T5mm