Protection Circuit Module Specifications For 1S LiFePO4 Battery Pack			
Model: PCB-LFP3.2V10A			
No.	Test item		Criterion
1	Voltage	Charging voltage	DC:3.6V CC/CV
2	Current	Current consumption	≤10μA
		Maximal continuous charging and discharging current	10A
3	Over charge Protection	Over charge detection voltage	3.90±0.005V
		Over charge detection delay time	0.5S - 2S
		Over charge release voltage	3.80±0.1V
4	Over discharge protection	Over discharge detection voltage	2.0±0.1V
		Over discharge detection delay time	10 - 200mS
		Over discharge release voltage	2.3±0.1V
		Over current detection current	12±2A
		Detection delay time	5 - 60ms
		Release condition	Cut load, auto recover
6	Short protection	Detection condition	Exterior short circuit
		Detection delay time	200-800us
		Release condition	Cut load, auto recover
7	Balance	Balance Voltage for single cell	N/A
		Balance current for single cell	N/A
8	Resistance	Protection circuitry	≤50mΩ
9	Temperature	Operating Temperature Range	-40～+85℃
		Storage Temperature Range	-20～+125℃
10	Dimension	L36xW7.5xT2mm	

P+ = Charge + / Discharge +
P- = Charge - / Discharge -
B+ = Battery +
B- = Battery -

