Protection Circuit Module Specifications For 9.6V (3S) Lithium iron phosphate battery pack			
Model: PCM-LFP3S10A-B			
No.	**Test Item**		**Criterion**
1	Voltage	Charging voltage	DC:10.8V 3.6/Cell
		Balance voltage for single cell	3.60±0.05V
2	Current	Balance current for single cell	36±5mA
		Current consumption for single cell	≤50μA
		Maximal continuous charging current	10A
		Maximal continuous Discharging current	10A
3	Over charge Protection	Over charge detection voltage	3.90±0.05V
		Over charge detection delay time	0.5S—2S
		Over charge release voltage	3.80±0.1V
4	Over discharge protection	Over discharge detection voltage	2.00±0.1V
		Over discharge detection delay time	50mS—1000mS
		Over discharge release voltage	2.50±0.1V
5	Over current protection	Over current detection current	35±5A
		Detection delay time	5ms—60ms
		Release condition	Cut load, Auto Recovery
6	Short protection	Detection condition	Exterior short circuit
		Detection delay time	200-800us
		Release condition	Cut load,Auto Recovery
7	Resistance	Protection circuitry	≤50mΩ
8	Temperature	Operating Temperature Range	-40 ~ +85℃
		Storage Temperature Range	-40 ~ +125℃

