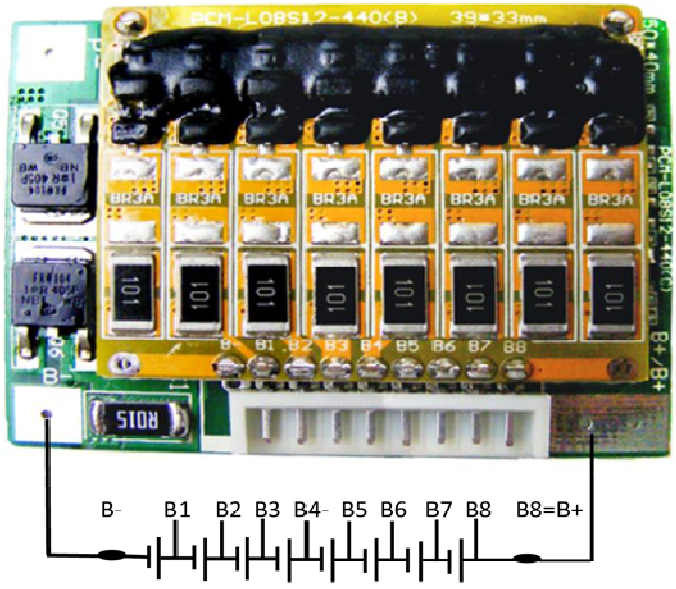
Protection Circuit Module Specifications For 29.6V Li-ion/Li-po Battery Pack			
Model: PCM-SM17-29.6			
No.	Test item		Criterion
1	Voltage	Charging voltage	DC:33.6V CC/CV（4.2V/1cell）
		Balance voltage for single cell	4.2V±0.03V
2	Current	Balance current for single cell	85mA±5mA
		Current consumption for single cell	≤20μA
		Maximal continuous Discharging current	5A
3	Over charge Protection （single cell）	Over charge detection voltage	4.325±0.025V
		Over charge detection delay time	0.5S—2S
		Over charge release voltage	4.075±0.025V
4	Over discharge protection （single cell）	Over discharge detection voltage	2.50±0.05V
		Over discharge detection delay time	100—200mS
		Over discharge release voltage	2.9±0.05V
5	Over current protection	Over current detection voltage	0.15V
		Over current detection current	8-12A
		Detection delay time	5ms—15ms
		Release condition	Cut load
6	Short protection	Detection condition	Exterior short circuit
		Detection delay time	200-500us
		Release condition	Cut load
7	Resistance	Protection circuitry（B- TO P-）	≤60mΩ
8	Temperature	Operating Temperature Range	-40～+85℃
		Storage Temperature Range	-40～+125℃



P+=Charge+/Discharge+

P-=Charge-/Discharge-

Size: L50 x W40 x T9 mm