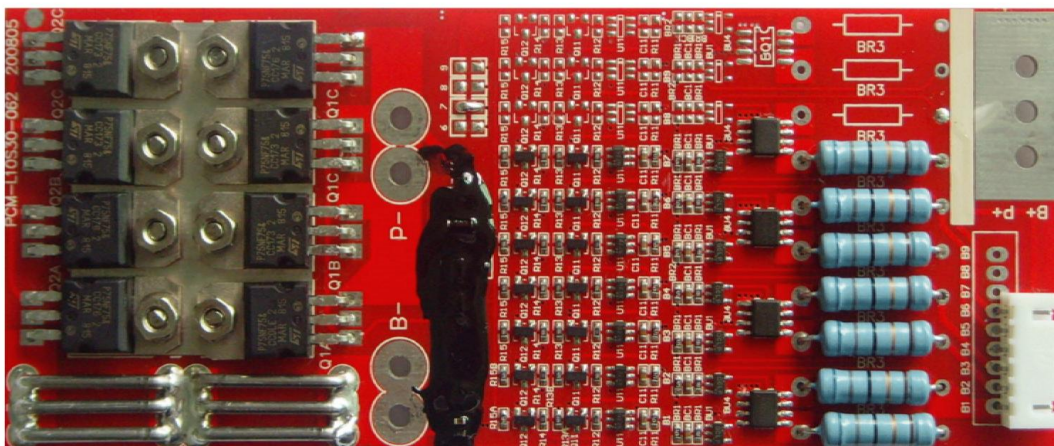


Protection Circuit Module

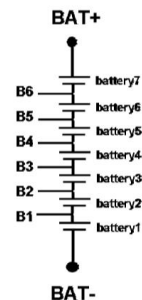
For 25.9V Li-ion/Li-polymer Battery Pack

No.	Test item		Criterion
1	Voltage	Charging voltage	DC:29.4V CC/CV
		Balance voltage for single cell	4.20 V±0.025V
2	Current	Balance current for single cell	62mA±5mA
		Current consumption for single cell	≤50μA
		Maximal continuous discharging current	16A
3	Overcharge Protection	Over charge detection voltage	4.325±0.025V
		Over charge detection delay time	0.96S~1.4S
		Over charge release voltage	4.075±0.025V
4	Over-discharge Protection	Over discharge detection voltage	2.50±0.05V
		Over discharge detection delay time	115~173mS
		Over discharge release voltage	2.9V±0.05V
5	Over Current Protection	Over current detection voltage	0.62V
		Over current detection current	120±10A(adjustable)
		Detection delay time	7.2ms~11ms
		Release condition	Automatic Recovery
6	Short Protection	Detection condition	Exterior short circuit
		Detection delay time	200-500us
		Release condition	Automatic Recovery
7	Resistance	Protection circuitry	≤20mΩ
8	Temperature	Operating temperature range	-40~+85℃
		Storage temperature range	-40~+125℃
9	Size		L145*W59*T9(mm)

L145*W59*T9mm



Remarks:



P+ = Charge+/Discharge+ P- = Charge-/Discharge-