

Protection Circuit Module Specifications For 25.9V Li-ion/Li-PO Battery Pack

Manufacture part#: PCM-L10S30-062(A-2)

No.	Test item		Criterion
1	Voltage	Charging voltage	DC : 29.4V CC/CV (4.2V/1Cell)
		Balance voltage for single cell	4.20V±0.025V
2	Current	Balance current for single cell	105mA±10mA
		Current consumption for single cell	20 μ A
		Maximal continuous Charging current	20A
		Maximal continuous Discharging current	30A
3	Over charge Protection	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	Over discharge detection voltage	2.50±0.05V
		Over discharge detection delay time	100—250mS
		Over discharge release voltage	2.9±0.05V
5	Over current protection	Over current detection voltage	0.65±0.1V
		Over current detection current	140±10A (can adjust)
		Detection delay time	5ms—20ms
		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-)	20m
8	Temperature	Operating Temperature Range	-40 ~ +85
		Storage Temperature Range	-40 ~ +125

L145*W58*T18mm

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

