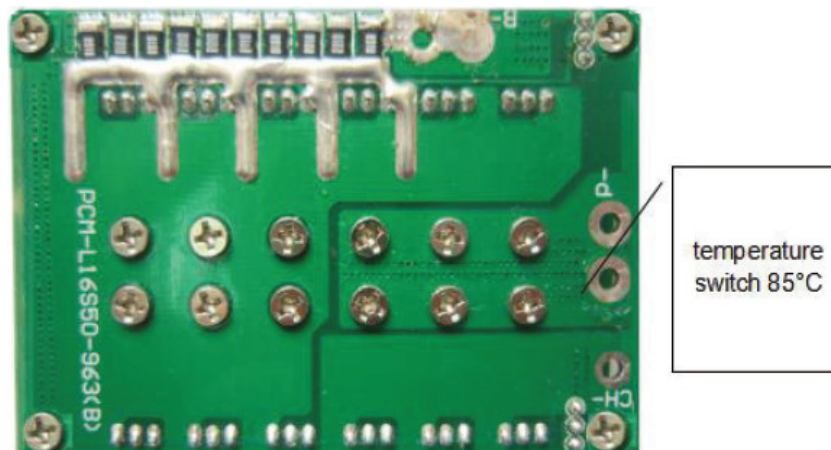


For 37V 10S Li-ion Packs

No.	Test	Item	Criteria
			<b>10S - 40A</b>
1	Voltage	Charging voltage	DC:42V 4.2V/Cell
		Balance voltage for single cell	4.2 ± 0.025V
2	Current	Balance current for single cell	84 ± 10mA
		Current consumption for single cell	≤20µA
		Maximal continuous charging current	10A
		Maximal continuous discharging current	40A
3	Over charge protection	Over charge detection voltage	4.25 ± 0.025V
		Over charge detection delay time	0.5S-2S
		Over charge release voltage	4.05 ± 0.05V
4	Over discharge Protection	Over discharge detection voltage	2.50 ± 0.062V
		Over discharge detection delay time	10mS-200mS
		Over discharge release voltage	2.50 ± 0.062V
5	Over current protection	Over current detection current	100 ± 20A
		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	≤30mΩ
8	Temperature	Operating temperature range	-40 ~ +85°C
		Storage temperature range	-40 ~ +125°C
9	Size (L*W*T)	86 x 60 x 13 mm	



### PCM Connect

Item	Details
B-	Connect to Negative Side of the pack.
P-	Discharging Negative Port.
CH-	Charging Negative Port.
B-	Connect to Negative Side of the pack.
B1	Connect to Positive Side of Cell 1.
B2	Connect to Positive Side of Cell 2.
B3	Connect to Positive Side of Cell 3.
B4	Connect to Positive Side of Cell 4.
B5	Connect to Positive Side of Cell 5.
B6	Connect to Positive Side of Cell 6.
B7	Connect to Positive Side of Cell 7.
B8	Connect to Positive Side of Cell 8.
B9	Connect to Positive Side of Cell 9.
B10B+	Connect to Positive Side of Cell 10.