

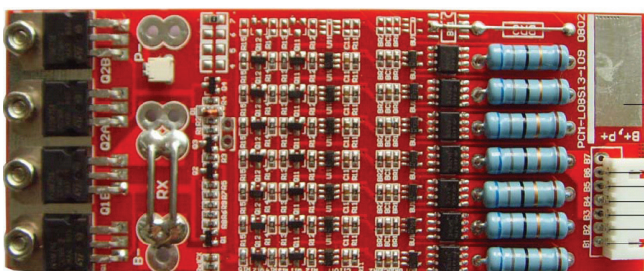


PCM for 25.2/25.9V Lilon Battery Pack

SPECIFICATIONS

No.	Test Item	Criterion	
1	Voltage	Charging voltage	DC:29.4V CC/CV
		Balance voltage for single cell	4.20V±0.025V
2	Current	Balance current for single cell	62±5mA
		Low Current consumption for single cell	≤50µA
		Maximal continuous Discharging current	10A
3	Over Charge Protection	Over charge detection voltage	4.325V±0.025V
		Over charge detection delay time	0.96S—1.4S
		Over charge release voltage	4.075V±0.025V
4	Over Discharge Protection	Over discharge detection voltage	2.50V±0.05V
		Over discharge detection delay time	115—173ms
		Over discharge release voltage	2.9±0.05V
5	Over Current Protection	Over current detection voltage	0.62V
		Over current detection current	45±5A
		Detection delay time	7.2ms—11ms
6	Short Protection	Release condition	Charge up
		Detection condition	Exterior short circuit
		Detection delay time	200-500us
7	Resistance	Release condition	Charge up
		Protection circuitry	≤30mΩ
		Operating Temperature Range	-40~+85°C
8	Temperature	Storage Temperature Range	-40~+125°C
		Dimensions	L 120.0mm x W 47.0mm x T 9.0mm

LAYOUT DIAGRAM



CONNECTION DIAGRAM

