

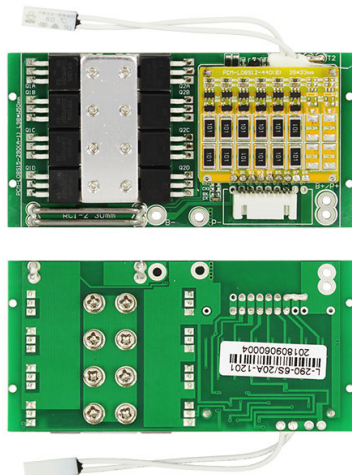


PCM for 21.6/22.2V Lilon Battery Pack

SPECIFICATIONS

No.	Test Item	Criterion	
1	Voltage	Charging voltage	DC:25.2CC/CV
		Balance voltage for single cell	4.20V±0.025V
2	Current	Balance current for single cell	84±5mA
		Low Current consumption for single cell	Max50µA
		Maximal continuous Discharging current	20A
		Maximal continuous Charging current	20A
3	Over Charge Protection	Over charge detection voltage	4.28V±0.025V
		Over charge detection delay time	0.96S - 1.4S
		Over charge release voltage	4.08V±0.05V
4	Over Discharge Protection	Over discharge detection voltage	3.00V±0.05V
		Over discharge detection delay time	115mS - 173mS
		Over discharge release voltage	3.00V±0.05V
5	Over Current Protection	Over current detection voltage	0.62V
		Over current detection current	80±20A
		Detection delay time	7.2ms - 11ms
		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	≤30mΩ
8	Temperature	Operating Temperature Range	-40~+70°C
		Storage Temperature Range	-40~+125°C
9	Dimensions	L 98.0mm x W 50.0mm x T 9.0mm	

LAYOUT DIAGRAM



CONNECTION DIAGRAM

