

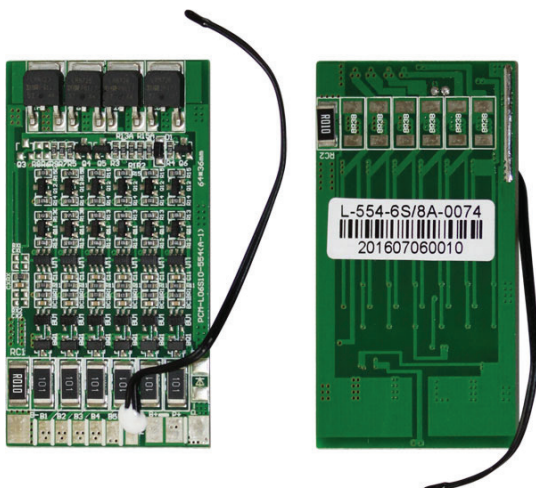


PCM for 21.6/22.2V Lilon Battery Pack

SPECIFICATIONS

No.	Test Item	Criterion	
1	Voltage	Charging voltage	DC:25.2V CC/CV
		Balance voltage for single cell	4.2V±0.025V
2	Current	Balance current for single cell	42±5mA
		Low Current consumption for single cell	≤20μA
		Maximal continuous Discharging current	8A
3	Over Charge Protection	Over charge detection voltage	4.28±0.025V
		Over charge detection delay time	0.5S - 2.0S
		Over charge release voltage	4.05/4.10±0.05V
4	Over Discharge Protection	Over discharge detection voltage	2.30V±0.08V
		Over discharge detection delay time	10 - 300mS
		Over discharge release voltage	3.0±0.05V
5	Over Current Protection	Over current detection voltage	0.15V ± 20mV
		Over current detection current	13±2A
		Detection delay time	5-20ms
6	Short Protection	Release condition	Cut load, Auto release
		Detection condition	Exterior short circuit
		Detection delay time	100-500μS
7	Resistance	Release condition	Charge up
		Protection circuitry	≤50mΩ
8	Temperature	Operating Temperature Range	-40~+85°C
		Storage Temperature Range	-40~+125°C
9	Dimensions	L 60.0mm x W 36.0mm x T 4.0mm	

LAYOUT DIAGRAM



CONNECTION DIAGRAM

