

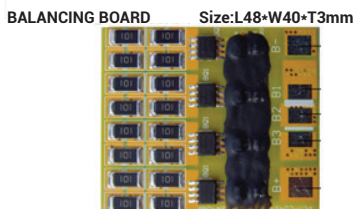
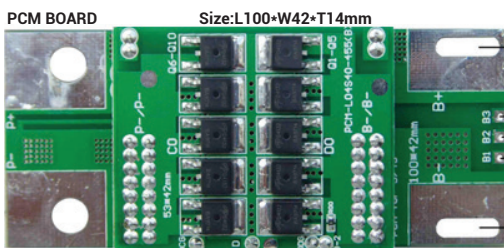


PCM for 14.4/14.8V Lilon Battery Pack

SPECIFICATIONS

No.	Test Item	Criterion	
1	Voltage	Charging voltage	DC:16.8V CC/CV
		Balance voltage for single cell	4.20V±0.025V
2	Current	Balance current for single cell	168±10mA
		Low Current consumption for single cell	≤20µA
		Maximal continuous Discharging current	40A
		Maximal continuous Charging 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—300mS
		Over discharge release voltage	2.50±0.062V
5	Over Current Protection	Over current detection current	250±30A
		Detection delay time	5ms—20ms
		Release condition	Charger Release
6	Short Protection	Detection condition	Exterior short circuit
		Detection delay time	200-500us
		Release condition	Cut load
7	Resistance	Protection circuitry	≤20mΩ
8	Temperature	Operating Temperature Range	-40~+85°C
		Storage Temperature Range	-40~+125°C
9	Dimensions	L 100.0mm x W 42.0mm x T 14.0mm	

LAYOUT DIAGRAM



CONNECTION DIAGRAM

