

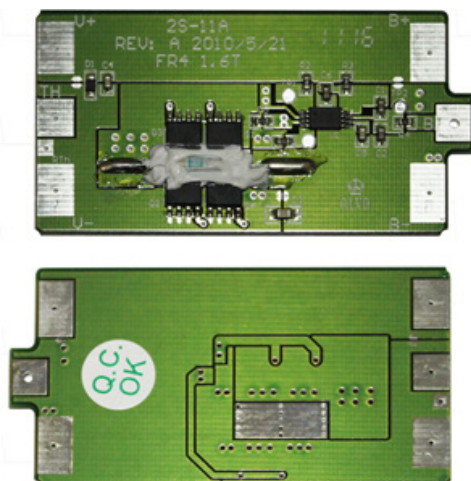


PCM for 7.2/7.4V Lilon Battery Pack

SPECIFICATIONS

No.	Test Item	Criterion	
1	Voltage	Charging voltage	DC:8.40V CC/CV
		Balance voltage for single cell	None
2	Current	Balance current for single cell	None
		Low Current consumption for single cell	14.2μA
		Maximal continuous Discharging current	<9.5A
3	Over Charge Protection	Over charge detection voltage	4.35V±0.025V
		Over charge detection delay time	1S
		Over charge release voltage	4.15V±0.05V
4	Over Discharge Protection	Over discharge detection voltage	2.30V±0.08V
		Over discharge detection delay time	100mS
		Over discharge release voltage	3.00±0.1V
5	Over Current Protection	Over current detection voltage	0.15V ± 20mV
		Over current detection current	10.7A ± 1.5A
		Detection delay time	10mS
		Release condition	Open Loop
6	Short Protection	Detection condition	<66A
		Detection delay time	200-500μS
		Release condition	Open Loop
7	Resistance	Protection circuitry	<15mΩ
8	Temperature	Operating Temperature Range	-20~+70°C
		Storage Temperature Range	-20~+85°C
9	Dimensions	L 59.0mm x W 31.0mm x T 3.8mm	

IMAGE



CONNECTION DIAGRAM

