

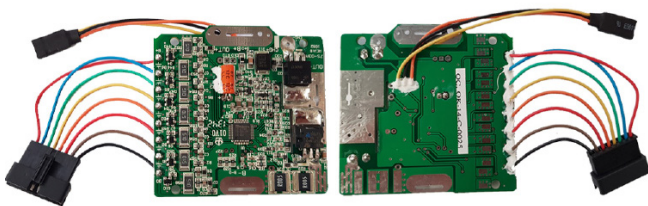


PCM for 25.2/25.9V Lilon Battery Pack

SPECIFICATIONS

No.	Test Item	Criterion	
1	Voltage	Charging voltage	DC:29.4V CC/CV
		Balance voltage for single cell	4.05V
2	Current	Balance current for single cell	80mA
		Low Current consumption for single cell	power \leq 840 μ A, <70 μ A sleep
		Maximal continuous Discharging current	<12A
3	Over Charge Protection	Over charge detection voltage	4.25V \pm 0.025V
		Over charge detection delay time	2.0S
		Over charge release voltage	4.15V \pm 0.025V
4	Over Discharge Protection	Over discharge detection voltage	2.60V \pm 0.025V
		Over discharge detection delay time	2.0S
		Over discharge release voltage	3.3 \pm 0.025V
5	Over Current Protection	Over charge current detection voltage	0.01V (min)
		Over charge current detection current	8A (charging) 25A (discharging)
		Detection delay time	16S
		Release condition	16S
		Over discharge current detection voltage	0.295V (min)
		Over discharge current detection current	25A \pm 2A
6	Short Protection	Detection Voltage	0.62V
		Detection Current	62 \pm 2A
		Detection delay time	505 μ s
		Release condition	External Release
7	Temperature	Operating Temperature Range	-20~+75 $^{\circ}$ C
		Storage Temperature Range	-20~+85 $^{\circ}$ C
8	Dimensions	L 70.0mm x W 68.0mm x T 6.0mm	

LAYOUT DIAGRAM



CONNECTION DIAGRAM

