



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	N/A
2	Current	Balance current for single cell	N/A
		Low current consumption for single cell	Max 10 μ A
		Maximal continuous discharging current	8A (10A max)
3	Over Charge Protection	Over charge detection voltage	4.30V \pm 0.025V
		Over charge detection delay time	0.7S–1.3S
		Over charge release voltage	4.05V \pm 0.05V
4	Over Discharge Protection	Over discharge detection voltage	2.40V \pm 0.08V
		Over discharge detection delay time	89–167mS
		Over discharge release voltage	3.0V \pm 0.1V
5	Over Current Protection	Over current detection voltage	0.2V \pm 0.015V
		Over current detection current	20A \pm 2.0A
		Detection delay time	8mS - 16mS
		Release condition	Charge up
6	Short Protection	Detection condition	Exterior short circuit
		Detection delay time	200 μ S - 500 μ S
		Release condition	Charge up
7	Resistance	Protection Circuitry	\leq 5m Ω
8	Temperature	Operating Temperature Range	-40~+85 $^{\circ}$ C
		Storage Temperature Range	-40~+125 $^{\circ}$ C
9	Dimensions	L 49.0mm x W 34.0mm x T 4.0mm	

IMAGE

