

PCM / BMS / PCB For 7.4V 2S Li-ion/Li-Polymer Battery Packs

Data Sheet

Item	Contents		Criteria
1	Model	096V1	2S- 2A working current
2	Voltage	Charging voltage	8.4V
3	Current	Maximal continuous charging current	2A
		Maximal continuous discharging current	2A
		Current consumption	≤10μA
4	Overcharge Protection	Over charge detection voltage	4.3±0.025V
		Over charge detection delay time	0.92s-1.38s
		Over charge release voltage	4.10±0.05V
5	Over Discharge Protection	Over discharge detection voltage	2.40±0.025V
		Over discharge detection delay time	115ms-173ms
		Over discharge release voltage	3.0±0.1V
6	Over Current Protection	Over current detection voltage	0.2V±15mV
		Over current detection current	4~6A
		Detection delay time	12mS
		Release condition	Cut load,automatically recover
7	Short Circuit Protection	Detection condition	Exterior shot circuit
		Detection delay time	300us
		Release condition	Cut load,automatically recover
8	Balance	Balance voltage for single cell	/
		Balance current for single cell	/
9	Resistance	Inner resistance	< 60 mΩ
10	Temperature	Operating temperature range	-40 ~ +85℃
		Storage temperature range	-40 ~ +125℃
11	Size (L*W*H)	30.2mm*15mm*0.6mm	