



Protection Circuit Module

For 6.4V LiFePO4 Battery Pack

PCM-Li02S3-096 (2S)

No.	Test item	Criterion	
1	Voltage	Charging voltage	DC:7.2V CC/CV
		Balance voltage for single cell	
2	Current	Balance current for single cell	
		Current consumption for single cell	Max:20μA
		Maximal continuous discharging current	2.5A
3	Overcharge Protection	Over charge detection voltage	3.85V±0.025V
		Over charge detection delay time	0.73S~1.35S
		Over charge release voltage	3.75±0.05V
4	Over-discharge Protection	Over discharge detection voltage	2.23V±0.08V
		Over discharge detection delay time	68~138mS
		Over discharge release voltage	2.23V±0.1V
5	Over Current Protection	Over current detection voltage	150±20mv
		Over current detection current	4.5±0.5A
		Detection delay time	6.7ms~13.9ms
		Release condition	Automatic Recovery
6	Short Protection	Detection condition	Exterior short circuit
		Detection delay time	200~500us
		Release condition	Automatic Recovery
7	Resistance	Protection circuitry	≤50mΩ
8	Temperature	Operating temperature range	-40~+85℃
		Storage temperature range	-40~+125℃
9	Size		φ25.5mm

P+=Charge+/Discharge+
P- =Charge-/Discharge-

Remarks:

