

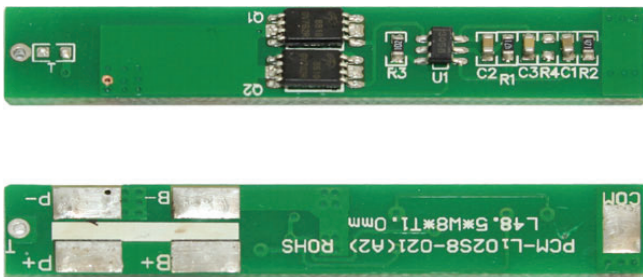


PCM for 6.4V LiFePO₄ Battery Pack

SPECIFICATIONS

No.	Test Item	Criterion	
1	Voltage	Charging voltage	DC7.2V CC/CV
		Balance voltage for single cell	N/A
2	Current	Balance current for single cell	N/A
		Low current consumption for single cell	≤10μA
		Maximal continuous charging current	8A
		Maximal continuous discharging current	8A
3	Over Charge Protection	Over charge detection voltage	3.9±0.05V
		Over charge detection delay time	0.5S—2S
		Over charge release voltage	3.45±0.1V
4	Over Discharge Protection	Over discharge detection voltage	2.0±0.1V
		Over discharge detection delay time	10mS—200mS
		Over discharge release voltage	2.5±0.1V
5	Over Current Protection	Over current detection current	13±2A
		Detection delay time	5ms—60ms
		Release condition	Auto Release
6	Short Protection	Detection condition	Exterior short circuit
		Detection delay time	200-800us
		Release condition	Auto Release
7	Resistance	Protection circuitry (MOSFET)	≤50mΩ
8	Temperature	Operating Temperature Range	-40~+85°C
		Storage Temperature Range	-40~+125°C
9	Dimensions	L 48.5mm x W 8.0mm	

IMAGE



CONNECTION DIAGRAM

