

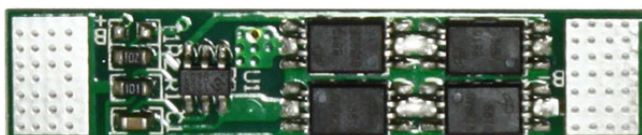
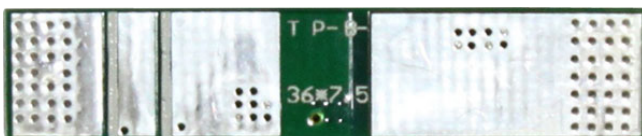


PCM for 3.2V LiFePO₄ Battery Pack

SPECIFICATIONS

No.	Test Item	Criterion	
1	Voltage	Charging voltage	DC:3.65V 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	3.90V±0.025V
		Over charge detection delay time	0.96-1.4S
		Over charge release voltage	3.8V±0.025V
4	Over Discharge Protection	Over discharge detection voltage	2.0V±0.05V
		Over discharge detection delay time	115ms-173ms
		Over discharge release voltage	2.3±0.05V
5	Over Current Protection	Over current detection current	15.0±2A
		Detection delay time	7.2ms—11ms
		Release condition	Cut load
6	Short Protection	Detection condition	Exterior short circuit
		Detection delay time	200-500us
		Release condition	Charge release
7	Resistance	Protection circuitry (MOSFET)	≤50μΩ
8	Temperature	Operating Temperature Range	-40~+85°C
		Storage Temperature Range	-40~+125°C
9	Dimensions	L 36mm x W 7.5mm x T0.8mm	

IMAGE



CONNECTION DIAGRAM

