

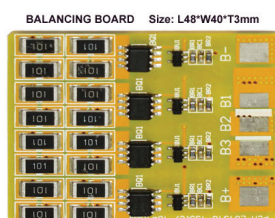
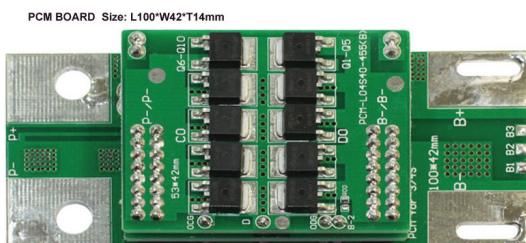


PCM for 13.2V LiFePO4 Battery Pack

SPECIFICATIONS

No.	Test Item	Criterion	
1	Voltage	Charging voltage	DC:14.4 CC/CV 3.6V/Cell
		Balance voltage for single cell	3.60V±0.025V
2	Current	Balance current for single cell	144±10mA
		Low Current consumption for single cell	Max20µA
		Maximal continuous Discharging current	40A
		Maximal continuous Charging current	40A
3	Over Charge Protection	Over charge detection voltage	3.90V±0.025V
		Over charge detection delay time	0.96S - 1.4S
		Over charge release voltage	3.80V±0.05V
4	Over Discharge Protection	Over discharge detection voltage	2.00V±0.05V
		Over discharge detection delay time	115mS - 173mS
		Over discharge release voltage	2.30±0.05V
5	Over Current Protection	Over current detection voltage	0.1V±0.015V
		Over current detection current	270±30A
		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	Cut load
7	Resistance	Protection circuitry	≤20mΩ
8	Temperature	Operating Temperature Range	-40~+85°C
		Storage Temperature Range	-40~+125°C
9	Dimensions	L 100.0mm x W 42.0mm x T 14.0mm	

IMAGE



CONNECTION DIAGRAM

