

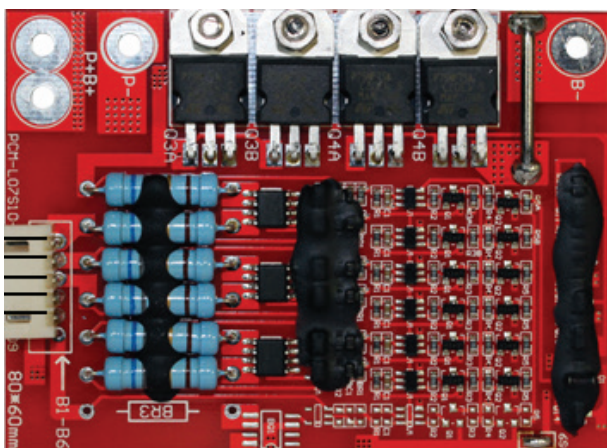


PCM for 19.8V LiFePO4 Battery Pack

SPECIFICATIONS

No.	Test Item	Criterion	
1	Voltage	Charging voltage	DC:21.6V CC/CV
		Balance voltage for single cell	3.60V±0.025V
2	Current	Balance current for single cell	85±5mA
		Low Current consumption for single cell	≤20µA
		Maximal Continuous Discharging current	10A
3	Over Charge Protection	Over charge detection voltage	3.80V±0.025V
		Over charge detection delay time	0.5S - 2.5S
		Over charge release voltage	3.45V±0.025V
4	Over Discharge Protection	Over discharge detection voltage	1.90V±0.05V
		Over discharge detection delay time	50 - 300ms
		Over discharge release voltage	2.5±0.05V
5	Over Current Protection	Over current detection voltage	0.60V
		Over current detection current	30±5A
		Detection delay time	1ms - 50ms
		Release condition	Charge up
6	Short Protection	Detection condition	Exterior short circuit
		Detection delay time	200-500us
		Release condition	Charge up
7	Resistance	Protection circuitry	≤20mΩ
8	Temperature	Operating Temperature Range	-40~+85°C
		Storage Temperature Range	-40~+125°C
9	Dimensions	L 80.0mm x W 60.0mm x T 9.0mm	

IMAGE



CONNECTION DIAGRAM

