

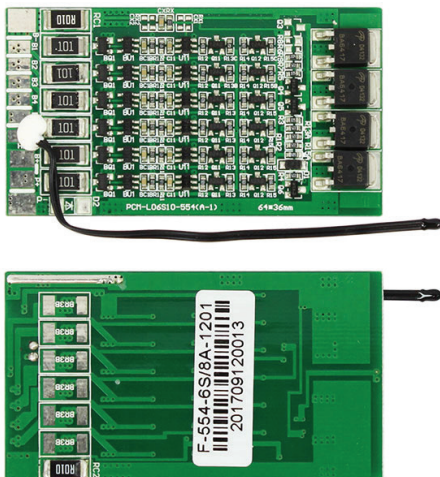


## PCM for 22.2V LiFePO4 Battery Pack

### SPECIFICATIONS

No.	Test Item	Criterion	
1	Voltage	Charging voltage	DC:21.6V CC/CV
		Balance voltage for single cell	3.60V±0.05V
2	Current	Balance current for single cell	42±5mA
		Low Current consumption for single cell	≤20µA
		Maximal Cont. Charge/Discharging current	4A
3	Over Charge Protection	Over charge detection voltage	3.90V±0.05V
		Over charge detection delay time	0.5-2s
		Over charge release voltage	3.80V±0.10V
4	Over Discharge Protection	Over discharge detection voltage	2.0V±0.10V
		Over discharge detection delay time	10ms-200ms
		Over discharge release voltage	2.30±0.062V
5	Over Current Protection	Over current detection voltage	0.62V
		Over current detection current	30±5A
		Detection delay time	5ms-20ms
		Release condition	Open Loop
6	Short Protection	Detection condition	Exterior Short Circuit
		Detection delay time	200us-300us
		Release condition	Open Loop
7	Resistance	Protection circuitry	≤50mΩ
8	Temperature	Operating Temperature Range	-40~+85°C
		Storage Temperature Range	-40~+125°C
9	Dimensions	L 64.0mm x W 36.0mm x T 5.0mm	

### IMAGE



### CONNECTION DIAGRAM

