

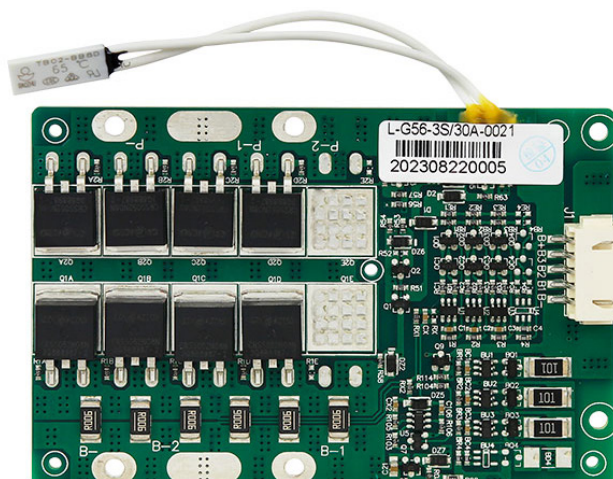


## PCM for 10.8/11.1V Lilon Battery Pack

### SPECIFICATIONS

No.	Test Item	Criterion	
1	Voltage	Charging voltage	DC:12.6V CC/CV
		Balance voltage for single cell	4.2V±0.025V
2	Current	Balance current for single cell	67mA
		Low current consumption for single cell	≤100µA
		Maximal continuous charging current	30A
		Maximal continuous discharging current	30A
3	Over Charge Protection	Over charge detection voltage	4.25V±0.025V
		Over charge detection delay time	0.5S—2S
		Over charge release voltage	4.15V±0.1V
4	Over Discharge Protection	Over discharge detection voltage	2.5V±0.1V
		Over discharge detection delay time	10—300ms
		Over discharge release voltage	3.0±0.10V
5	Over Current Protection	Over current detection current	100±20A
		Detection delay time	5ms—15ms
		Release condition	Cut load, Auto recovery
6	Short Protection	Detection condition	Exterior short circuit
		Detection delay time	200-800us
		Release condition	Cut load, Auto recovery
7	Resistance	Protection circuitry	≤20mΩ
8	Temperature	Operating Temperature Range	-40~+85°C
		Storage Temperature Range	-40~+125°C
9	Dimensions	L 95.0mm x W 63.0mm x T 10.0mm	

### IMAGE



### CONNECTION DIAGRAM

