

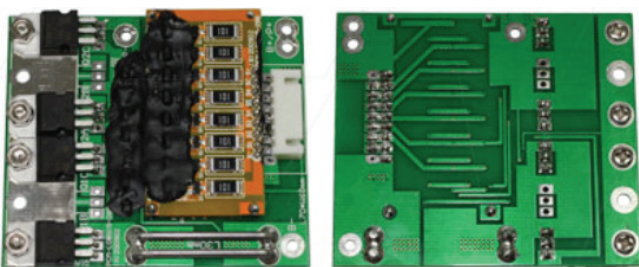


## PCM for 28.8/29.6V Lilon Battery Pack

### SPECIFICATIONS

No.	Test Item	Criterion	
1	Voltage	Charging voltage	DC:33.6V CC/CV
		Balance voltage for single cell	4.20V±0.025V
2	Current	Balance current for single cell	0~85mA
		Low Current consumption for single cell	≤20μA
		Maximal continuous Discharging current	10A
3	Over Charge Protection	Over charge detection voltage	4.325V±0.025V
		Over charge detection delay time	0.5S—2.5S
		Over charge release voltage	4.075V±0.025V
4	Over Discharge Protection	Over discharge detection voltage	2.50V±0.05V
		Over discharge detection delay time	50—300ms
		Over discharge release voltage	2.9±0.05V
5	Over Current Protection	Over current detection voltage	0.6V
		Over current detection current	30~100A
		Detection delay time	1~50ms
		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 70.0mm x W 60.0mm x T 13.0mm	

### LAYOUT DIAGRAM



### CONNECTION DIAGRAM

