

## Protection Circuit Module Specifications For 22.2V Li-ion/Li-Po Battery Pack

No.	Test item		Criterion
1	Voltage	Charging voltage	DC:25.2V CC/CV (4.2*6)
		Balance voltage for single cell	4.20V±0.025V
2	Current	Balance current for single cell	85mA±5mA
		Low current consumption for single cell	≤20 μA
		Maximal continuous charging and discharging current	10A
3	Over charge Protection (for single cell)	Over charge detection voltage	4.25±0.025V
		Over charge detection delay time	0.5S—2S
		Over charge release voltage	4.05±0.05V
4	Over discharge protection (for single cell)	Over discharge detection voltage	2.5±0.07V
		Over discharge detection delay time	10—30mS
		Over discharge release voltage	3.0±0.1V
5	Over current protection	Over current detection voltage	0.6V
		Over current detection current	50±10A
		Detection delay time	5ms—20ms
		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	≤40mΩ
8	Temperature	Operating Temperature Range	-40~+85℃
		Storage Temperature Range	-40~+125℃

L60\*W39\*T8mm

P+/P- = Charge+/-, Discharge+/-    B+ = P+

