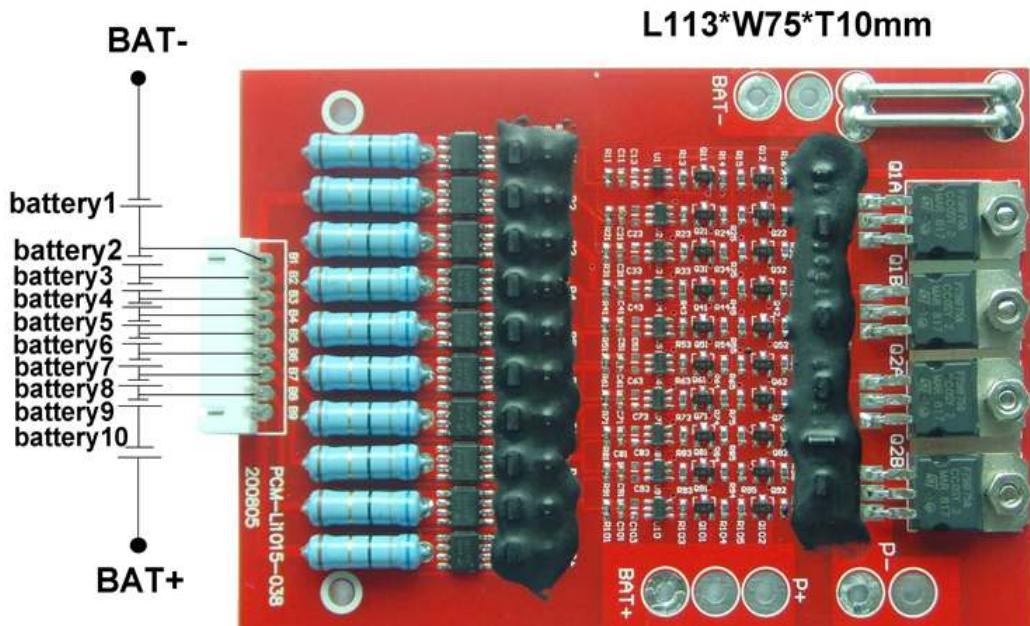


# Protection Circuit Module Specifications For 37V Li-ion/Li-po Battery Pack

Model: PCM-LI37V15A

No.	Test item	Criterion
1	Voltage	Charging voltage
		DC: 42V CC/CV (4.2V/1cell)
2	Current	Balance voltage for single cell
		4.2V±0.03V
		Balance current for single cell
		62mA±5mA
3	Over charge Protection ( single cell )	Current consumption for single cell
		≤20 μ A
		Maximal continuous charging current
	Over charge Protection ( single cell )	15A
		Continuous discharging current
4	Over discharge protection ( single cell )	15A
		Over charge detection voltage
		4.325±0.025V
5	Over current protection	Over charge detection delay time
		0.5S—2.0S
		Over charge release voltage
		4.075±0.025V
6	Short protection	Over discharge detection voltage
		2.50±0.05V
		Over discharge detection delay time
7	Resistance	10—30mS
		Over discharge release voltage
	Temperature	2.9±0.05V
		Over current detection voltage
8	Temperature	0.6V±0.1V
		Over current detection current
	Temperature	50±10A
		Detection delay time
	Temperature	5ms—20ms
		Release condition
	Temperature	Cut load
		Detection condition
		Exterior short circuit
	Temperature	100-600us
		Release condition
	Resistance	Cut load
	Temperature	≤30mΩ
	Temperature	-40~+85°C
	Temperature	-40~+125°C



**P+ = Charge+/Discharge+ P- = Charge-/Discharge-**