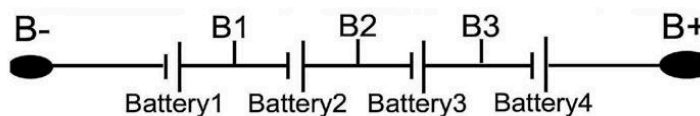
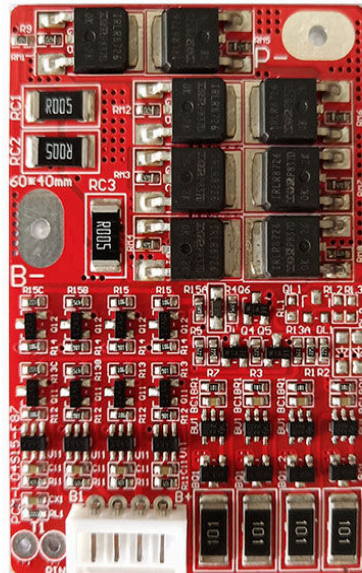


Protection Circuit Module Specifications For 14.8V (4S) Lithium iron phosphate battery pack

Model: PCM-L04S15-F87 (4S)

No.	Test Item		Criterion
1	Voltage	Charging voltage	DC:16.8V 4.2V/Cell
		Balance voltage for single cell	4.20V±0.05V
2	Current	Balance current for single cell	42±10mA
		Current consumption for single cell	≤20 μ A
		Maximal continuous charging current	20A
		Maximal continuous Discharging current	20A
3	Over charge Protection	Over charge detection voltage	4.25±0.05V
		Over charge detection delay time	0.5S—2S
		Over charge release voltage	4.05±0.05V
4	Over discharge protection	Over discharge detection voltage	2.50±0.1V
		Over discharge detection delay time	10mS—300mS
		Over discharge release voltage	3.00±0.1V
5	Over current protection	Over current detection current	60±10A
		Detection delay time	5ms—60ms
		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℃
		Storage Temperature Range	-40~+125℃

P- =Charge-/Discharge- Size:L60*W40*T5mm



maka :

Audit:

Approval: