

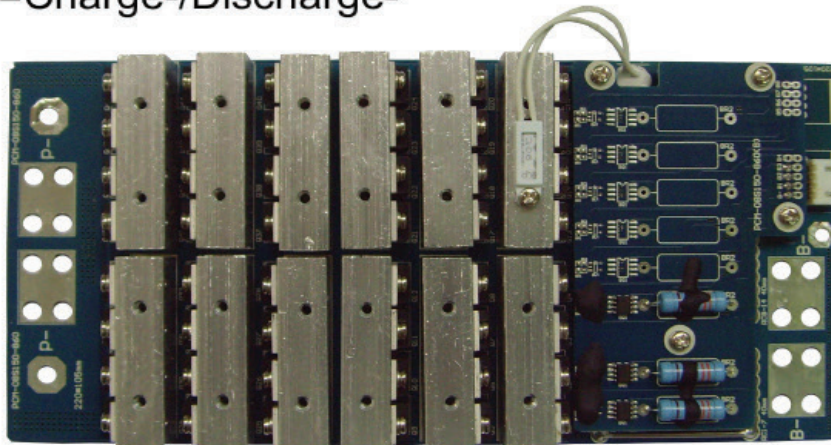
Protection Circuit Module Specifications For 12.8V(4S) Lithium iron phosphate battery pack

Model: PCM-L08S150-860 (4S)

No.	Test Item		Criterion
1	Voltage	Charging voltage	DC:14.4V 3.6V/Cell
		Balance voltage for single cell	3.60±0.05V
2	Current	Balance current for single cell	110±10mA
		Current consumption for single cell	≤20 μ A
		Maximal continuous charging current	150A
		Maximal continuous Discharging current	150A
3	Over charge Protection	Over charge detection voltage	3.90±0.05V
		Over charge detection delay time	0.5S—2S
		Over charge release voltage	3.80±0.1V
4	Over discharge protection	Over discharge detection voltage	2.00±0.1V
		Over discharge detection delay time	10mS—200mS
		Over discharge release voltage	2.3±0.1V
5	Over current protection	Over current detection voltage	0.62V
		Over current detection current	350±50A
		Detection delay time	5ms—20ms
		Release condition	Cut load, Auto Recovery
6	Short protection	Detection condition	Exterior short circuit
		Detection delay time	200-500us
		Release condition	Cut load,Auto Recovery
7	Resistance	Protection circuitry	≤20m Ω
8	Temperature	Operating Temperature Range	-40~+85℃
		Storage Temperature Range	-40~+125℃

P+=Charge+/Discharge+

P- =Charge-/Discharge- Size:L220*W105*T35mm



temperature switch
90° C

