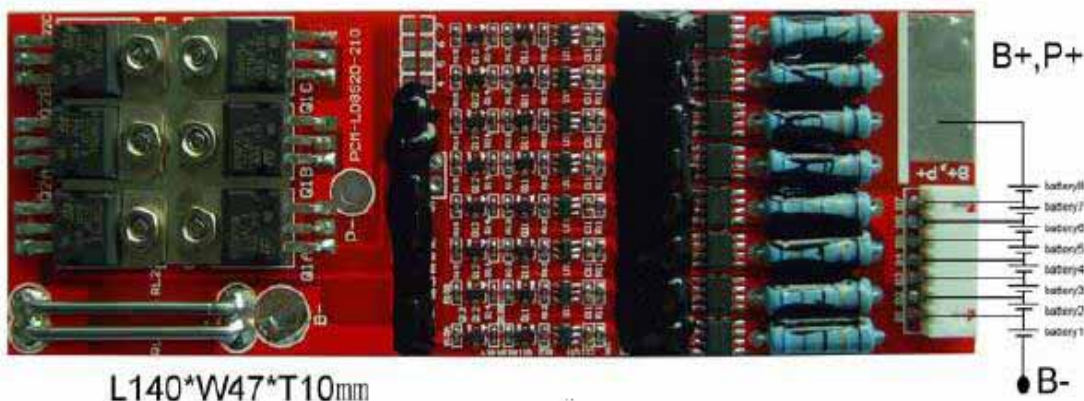


# Protection Circuit Module Specifications For 25.6V LiFePO4 Battery Packs

Model: PCM-L08S20-210 ( LFP-8S )

No.	Test item		Criterion
1	Voltage	Charging voltage	DC: 28.8V CC/CV ( 3.6V/1cell )
		Balance voltage for single cell	3.6V±0.025V
2	Current	Balance current for single cell	52mA±5mA
		Current consumption for single cell	20 μ A
		Maximal continuous charging current	13A
		Maximal continuous discharging current	13A
3	Over charge Protection ( single cell )	Over charge detection voltage	3.90±0.025V
		Over charge detection delay time	0.96S—1.4S
		Over charge release voltage	3.80±0.025V
4	Over discharge protection ( single cell )	Over discharge detection voltage	2.0±0.05V
		Over discharge detection delay time	115—173mS
		Over discharge release voltage	2.3±0.05V
5	Over current protection	Over current detection voltage	0.62v
		Over current detection current	50±10A ( can adjust )
		Detection delay time	7.2ms—11ms
		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 ( B- TO P- )	20m
8	Temperature	Operating Temperature Range	-40 ~ +85
		Storage Temperature Range	-40 ~ +125

L140\*W47\*T9mm



L140\*W47\*T10mm