

Protection Circuit Module Specifications For 25.9V Li-ion Battery Packs

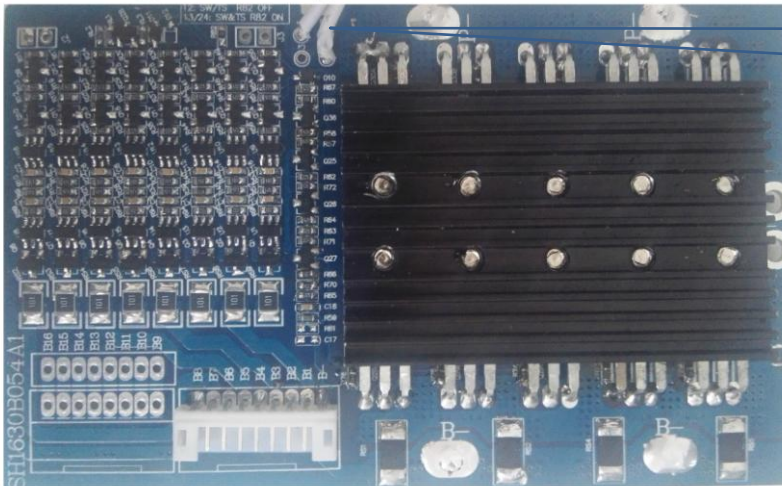
Model: PCM-L16S30-AY054(7S 20A)

No.	Test item		Criterion
1	Voltage	Charging voltage	DC:29.4V 4.2V/Cell
		Balance voltage for single cell	4.20±0.025V
2	Current	Balance current for single cell	42±10mA
		Low Current consumption	≤30μ A
		Maximal continuous charging current	25A
		Maximal continuous Discharging current	25A
3	Over charge Protection	Over charge detection voltage	4.25±0.025V
		Over charge detection delay time	0.7—1.3S
		Over charge release voltage	4.05±0.05V
4	Over discharge protection	Over discharge detection voltage	2.5±0.05V
		Over discharge detection delay time	80—245mS
		Over discharge release voltage	3.0±0.1V
5	Over current protection	Over current detection current	60±10A
		Detection delay time	10ms—30ms
		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	≤30mΩ
8	Temperature	Operating Temperature Range	-40~+85℃
		Storage Temperature Range	-40~+125℃

P+=Charge+/Discharge+

P-=Charge-/Discharge-

Size:L105*W65*T14mm



Temperature switch 65 degree.

Connection diagram as a reference, pls refer to real sample.

