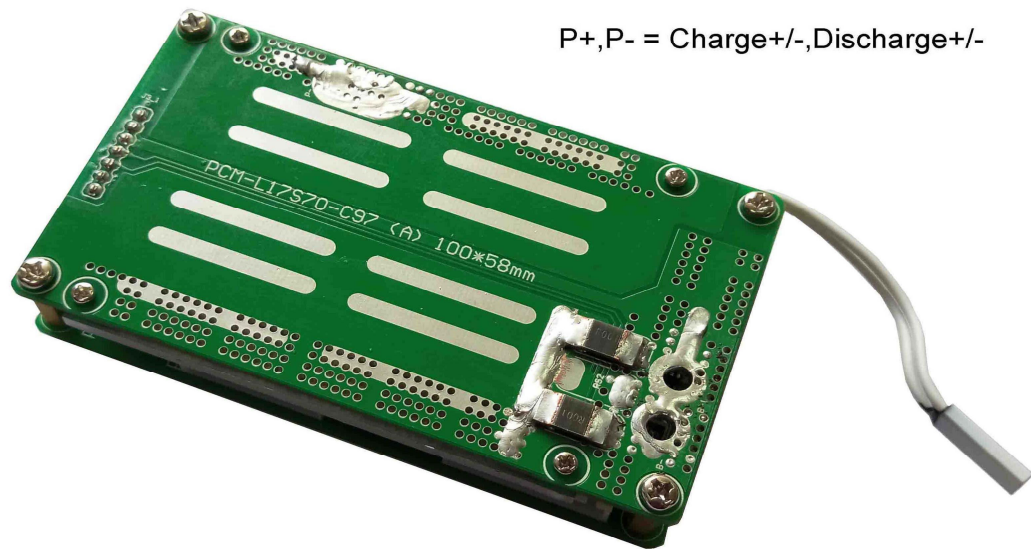


Protection Circuit Module Specifications For 62.9V Li-ion/Li-PO Battery Pack

Model: PCM-S17A55

No.	Test item		Criterion
1	Voltage	Charging voltage	DC: 71.4V CC/CV (4.2V/1Cell)
		Balance voltage for single cell	4.20V±0.03V
2	Current	Balance current for single cell	68mA±5mA
		Current consumption for single cell	≤20 μA
		Maximal continuous charging current	55A
		Maximal continuous discharging current	55A
3	Over charge Protection	Over charge detection voltage	4.250 ± 0.025 V
		Over charge detection delay time	0.5S—2.0S
		Over charge release voltage	4.150 ± 0.050 V
4	Over discharge protection	Over discharge detection voltage	2.750 ± 0.080 V
		Over discharge detection delay time	0.5S—2.0S
		Over discharge release voltage	3.000 ± 0.100 V
5	Over current protection	Over current detection voltage	0.15 ± 0.015 V
		Over current detection current	180±20A
		Detection delay time	5ms—20ms
		Release condition	Cut load
6	Short protection	Detection condition	Exterior short circuit
		Detection delay time	200-800us
		Release condition	Cut load
7	Resistance	Protection circuitry (B- TO P-)	≤30mΩ
8	Temperature	Operating Temperature Range	-40~+85℃
		Storage Temperature Range	-40~+125℃
		Discharging Temperature protection	65±5℃



P+,P- = Charge+/-,Discharge+/-

