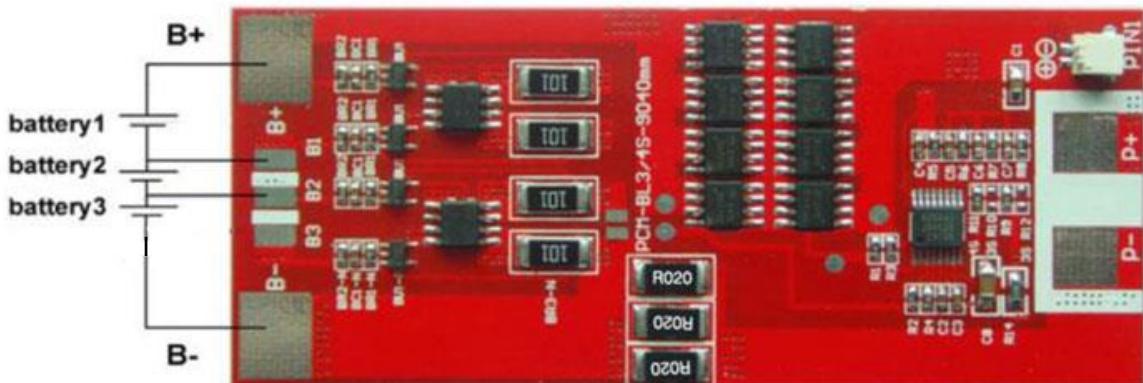


Protection Circuit Module Specifications For 9.6V LiFePO4 Battery Packs		
No.	Test item	Criterion
1	Voltage	Charging voltage DC: 10.65V CC/CV (3.55V/cell)
		Balance voltage for single cell 3.60V±0.025V
2	Current	Balance current for single cell 36±3mA
		Current consumption for single cell ≤20 μA
		Maximal continuous discharging current 12A
3	Over charge Protection (single cell)	Over charge detection voltage 3.900 ± 0.025 V
		Over charge detection delay time 0.3S—2S
		Over charge release voltage 3.800 ± 0.050 V
4	Over discharge protection (single cell)	Over discharge detection voltage 2.00 ± 0.080 V
		Over discharge detection delay time (C2=0.22U) 100-400ms
		Over discharge release voltage 2.50 ± 0.100 V
5	Over current protection	Over current detection voltage 0.15 ± 0.025 V
		Over current detection current 30±5A
		Detection delay time (C2=0.22U) 10ms—40ms
		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 ≤50mΩ
8	Temperature	Operating Temperature Range -40~+85°C
		Storage Temperature Range -40~+125°C



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