

Protection Circuit Module Specifications For 9.6V (3S) LiFePO4 Battery Packs

Model: PCB-LFP9.6V2A

No.		Test item	Criterion
1	Voltage	Charging voltage	DC: 10.8V CC/CV (3.6V/1cell)
		Balance voltage for single cell	
2	Current	Balance current for single cell	
		Current consumption for single cell	≤50μ A
		Maximal continuous charging current	2A
		Maximal continuous discharging current	2A
3	Over charge Protection (single cell)	Over charge detection voltage	3.90±0.025V
		Over charge detection delay time	0.5S—2S
		Over charge release voltage	3.80±0.05V
4	Over discharge protection (single cell)	Over discharge detection voltage	2.0±0.1V
		Over discharge detection delay time	50—1500ms
		Over discharge release voltage	2.5±0.1V
		Over current detection current	7.5±1A
		Detection delay time	5ms—150ms
		Release condition	Cut load,Auto Recovery
6	Short protection	Detection condition	Exterior short circuit
		Detection delay time	200-800us
		Release condition	Cut load
7	Resistance	Protection circuitry (B- TO P-)	≤100mΩ
8	Temperature	Operating Temperature Range	-40~+85℃
		Storage Temperature Range	-40~+125℃

P+=Charge+/Discharge+

P- =Charge-/Discharge- Size : L34.5*W15*T3.3mm

