

Protection Circuit Module Specifications For 7.4V Li-ion/Li-po Battery Pack

Model: PCB-S2A12

No.	Test item (Ta=25°C)		Criterion
1	Voltage	Charging voltage	DC: 8.4V CC/CV
2	Current	Current consumption	Max:20 μ A
		Maximal continuous Charging current	10A
		Maximal continuous discharging current	12A
3	Over charge Protection	Over charge detection voltage	4.25V±0.025V
		Over charge detection delay time	0.5S—2S
		Over charge release voltage	4.05±0.05V
4	Over discharge protection	Over discharge detection voltage	2.40V±0.062V
		Over discharge detection delay time	10mS—200mS
		Over discharge release voltage	3.0±0.1V
5	Over current protection	Over current detection voltage	0.2±0.015V
		Over current detection current	55±10A
		Detection delay time	5mS—20mS
		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	≤50m Ω
8	Temperature	Operating Temperature Range	-40~+85°C
		Storage Temperature Range	-40~+125°C

P+=Charge+/Discharge+, P- =Charge-/Discharge- SIZE:L60*W26*T3mm

