

PCB-S4A10L-GS

No	Test Item		Criterion
1	Voltage	Charging voltage	DC:16.8V CC/CV
		Balance voltage for single cell	
2	Current	Balance current for single cell	
		Current consumption for single cell	≤50μA
		Maximal continuous Charging current	7A
		Maximal continuous discharging current	7A
3	Over charge Protection (single cell)	Over charge detection voltage	4.35V±0.05V
		Over charge detection delay time	0.5S—2S
		Over charge release voltage	4.15V±0.1V
4	Over discharge protection (single cell)	Over discharge detection voltage	2.40V±0.1V
		Over discharge detection delay time	50ms—1500ms
		Over discharge release voltage	3.0±0.1V
5	Over current protection	Over current detection current (For discharge only)	12±3A
		Detection delay time	5ms—150ms
		Release condition	Cut load, auto recover
6	Short protection	Detection condition	Exterior short circuit
		Detection delay time	200-800us
		Release condition	Cut load, auto recover
7	Resistance	Protection circuitry(MOSFET)	≤50mΩ
8	Temperature	Operating Temperature Range	-40 ~ +85°C
		Storage Temperature Range	-40 ~ +125°C

The above parameters are tested at 25°C. If the temperature is not 25°C, there will be certain deviations.

SIZE:100*16mm

