



No.	Test item		Criterion
1	Voltage	Charging voltage	CC/CV:Li-ion/Li-polymer(4.2V/cell),LiFePO4(3.6V/cell)
		Balance voltage for single cell	Li-ion:4.20 V±0.025V , LiFePO4:3.60V±0.5V
2	Current	Balance current for single cell	0 ~ 85mA
		Current consumption for single cell	≤20μA
		Maximal continuous charging and discharging current	13A
3	Over-charge Protection	Over charge detection voltage	3.8 ~ 4.4V (can adjust)
		Over charge detection delay time	0.5~2.5S
		Over charge release voltage	3.8 ~ 4.4V (can adjust)
4	Over-discharge Protection	Over discharge detection voltage	1.9 ~ 3.1V (can adjust)
		Over discharge detection delay time	50~300mS
		Over discharge release voltage	1.9 ~ 3.1V (can adjust)
5	Over-Current Protection	Over current detection voltage	0.6V
		Over current detection current	30 ~ 100A
		Detection delay time	1~50ms
		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 (B- to P-)	≤20mΩ
8	Temperature	Operating temperature range	-40 ~ +85
		Storage temperature range	-40 ~ +125
9	Size		L140*W47*T9mm