



Data Sheet

\*Note: Characteristics subject to change without notice.

Item	Contents		Criteria ( <b>Adjustable</b> )
1	Model	SBMS-D503V1	5S-5A working current
2	Voltage	Charging voltage	21V
3	Current	Maximal continuous charging current	5A
		Maximal continuous discharging current	5A
		Current consumption	≤40μA
4	Overcharge Protection	Over charge detection voltage	4.25V±0.025V
		Over charge detection delay time	0.5~1.5S
		Over charge release voltage	4.15V±0.05V
5	Over Discharge Protection	Over discharge detection voltage	2.70V±0.08V
		Over discharge detection delay time	0.5~1.5S
		Over discharge release voltage	2.90V±0.1V
6	Over Current Protection	Over current detection voltage	0.085±0.01V
		Over current detection current	10±2A
		Detection delay time	500~1200mS
		Release condition	Cut load, automatically recover
7	Short Circuit Protection	Detection condition	Exterior shot circuit
		Detection delay time	200~500uS
		Release condition	Cut load, automatically recover
8	Balance	Balance voltage for single cell	/
		Balance current for single cell	/
9	Resistance	Inner resistance	≤40mΩ
10	Temperature	Operating temperature range	-40 ~ +85°C
		Storage temperature range	-20~ +125°C
11	Size (L*W*T)	L60mm * W32mm * T10mm	

