

# Shenzhen Volt-cell technology

Voltcell20S40AH120065016S---same port

No.	Test Item		Criterion
1	Voltage	Charging voltage	DC:84V CC/CV (4.2v/cell)
		Balance voltage for single cell	4.2±0.025V
2	Current	Balance current for single cell	50±5mA
		Current consumption for single cell	≤30uA
		Maximal continuous charging current	40A
		Maximal continuous Discharging current	40A
3	Over charge Protection	Over charge detection voltage	4.25±0.025V
		Over charge detection delay time	0.7~1.3S
		Over charge release voltage	4.19±0.05V
4	Over discharge protection	Over discharge detection voltage	2.5±0.08V
		Over discharge detection delay time	100~180mS
		Over discharge release voltage	3.0±0.10V
5	Over current protection	Over current detection voltage	0.15±0.015V
		Over current detection current	80±10A
		Detection delay time	20~30mS
		Release condition	Cut load,Auto Recovery
6	Short protection	Detection condition	Exterior short circuit
		Detection delay time	150~400uS
		Release condition	Cut load,Auto Recovery
7	Temperature protection	Detection condition	65±5℃
		Release condition	Charge to release
8	Resistance	Protection circuitry	≤20mΩ
9	Temperature	Operating Temperature Range	-40~+85℃
		Storage Temperature Range	0~60℃
10	Size	120*65*16mm	

Charge+/Discharge+ =Battry+

P-=Discharge-=Charge-

B-=Battery-

Size:L120\*W65\*T16mm

