

Shenzhen Volt-cell technology

1S Li-ion/Li-polymer/LiFePo4 Battery Pack

Voltcell1S3AH033004002S--Square

No.	Test item (Ta=25°C)		Li-ion/Li-polymer Battery Pack
1	Voltage	Charging voltage	DC:4.2V CC/CV (4.2V/cell)
		Balance voltage for single cell	4.250V±0.025V
2	Current	Balance current for single cell	
		Low Current consumption for single cell	≤20μA
		Maximal continuous Charging current	3A
		Maximal continuous Discharging current	3A
3	Over charge Protection (single cell)	Over charge detection voltage	4.250V±0.025V
		Over charge detection delay time	0.5~1.5S
		Over charge release voltage	4.05±0.05V
4	Over discharge protection (single cell)	Over discharge detection voltage	2.80V±0.05V
		Over discharge detection delay time	10~300mS
		Over discharge release voltage	2.9±0.05V
5	Over current protection	Over current detection current	10A±3A
		Detection delay time	5-50mS
		Release condition	Cut load
6	Short protection	Detection condition	Exterior short circuit
		Detection delay time	100-200us
		Release condition	Remove load
7	Temperature	Operating Temperature Range	-20~+85°C
		Storage Temperature Range	0~+60°C
8	Dimension	L33mm*W4mm*T2mm	

