

Shenzhen Volt-cell technology

4S Li-ion/Li-polymer/LiFePo4 Battery Pack

VoltcellH4S3AL050020003S

No.	Test item (Ta=25°C)		Li-ion/Li-polymer Battery Pack
1	Voltage	Charging voltage	DC:16.8V CC/CV (4.2V/cell)
		Balance voltage for single cell	4.20V±0.025V
2	Current	Balance current for single cell	45±5mA
		Low Current consumption for single cell	≤200μA
		Maximal continuous Charging current	4A
		Maximal continuous Discharging current	4A
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	4.15±0.05V
4	Over discharge protection (single cell)	Over discharge detection voltage	2.7V±0.062V
		Over discharge detection delay time	10~300mS
		Over discharge release voltage	3.0±0.10V
5	Over current protection	Over current detection voltage	0.2±0.015V
		Over current detection current	10±2A
		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	-40~+85°C
		Storage Temperature Range	-40~+60°C
8	Dimension	L50mm*W20mm*T3mm	

P+=Charge+/Discharge+

P-=Charge-/Discharge-

Size:L50*W20*T3mm

