

Shenzhen Volt-cell technology

13-24S Li-ion/Li-polymer/LiFePo4 Battery Pack

Voltcell13S5A-40AH090065010S--Separate port
(With balancing/temperature switch/electronic switch)

No.	Test item (Ta=25°C)	LI-Ion/LI-polymer Battery Pack	
1	Voltage	Charging voltage	DC:4.8V CC/CV (3.7V/cell)
		Balance voltage for single cell	4.20V±0.025V
2	Current	Balance current for single cell	42±10mA
		Low Current consumption for single cell	≤50µA
		Maximal continuous Charging current	5A
		Maximal continuous Discharging current	40A
3	Over charge Protection(single cell)	Over charge detection voltage	4.250V±0.03V
		Over charge detection delay time	0.7~2.0S
		Over charge release voltage	4.19±0.05V
4	Over discharge protection (single cell)	Over discharge detection voltage	2.5V±0.08V
		Over discharge detection delay time	100~180mS
		Over discharge release voltage	3.0±0.1V
5	Over current protection	Over current detection voltage	0.15±0.015V
		Over current detection current	80A±10A
		Detection delay time	20-40mS
		Release condition	Remove load
6	Short protection	Detection condition	External short circuit
		Detection delay time	100-400us
		Release condition	Remove load
7	Temperature switch	Temperatruie protection	65°C ± 5°C
		Temperature protection release	45°C ± 5°C
8	Temperature	Operating Temperature Range	-40 ~ +85°C
		Storage Temperature Range	0 ~ +60°C
9	Dimension	L90mm*W65mm*T10mm	
10	Connection		

P+=B+=
Charge+
/Discharge+

C-=Charge-
P-=Discharge-



