

# Shenzhen Volt-cell technology

10S Li-ion/Li-polymer/LiFePo4 Battery Pack

Voltcell10S30AH090060010S same port

No.	Test item (Ta=25°C)	Li-ion/Li-polymer Battery Pack	
1	Voltage	Charging voltage	DC:42V CC/CV (4.2V/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	30A
		Maximal continuous Discharging current	30A
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±20A
		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	Temperatrue protection	65°C ± 5°C
		Temperature protection release	Cool down 30minutes, charge to activate
8	Temperature	Operating Temperature Range	-40~+85°C
		Storage Temperature Range	0~+60°C
9	Dimension	L90mm*W60mm*T10mm	

B+=P+=Charge+/Discharge+

P-=Charge-/Discharge-

Size : L89\*W60\*8mm

