

Shenzhen Volt-cell technology

10-13S Li-ion/Li-polymer/LiFePo4 Battery Pack

BMS 13S30AH065035015S with electronic and temperate switch ---separate port

No.	Test Item		Criterion
1	Voltage	Charging voltage	DC:48.1V CC/CV
		Balance voltage for single cell	4.20±0.025V
2	Current	Balance current for single cell	42±10mA
		Current consumption for single cell	≤30uA
		Maximal continuous charging current	5A (adjustable)
		Maximal continuous Discharging current	30A(adjustable)
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	60±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℃

P+=B+=Charge+/Discharge+

C-=Charge-, P-=Discharge-

Size:L62*W35*T15mm

