

# Shenzhen Volt-cell technology

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

BMS 10S15AH062035012S ---separate port

No.	Test Item		Criterion
1	Voltage	Charging voltage	DC:42V 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	≤60uA
		Maximal continuous charging current	5A
		Maximal continuous Discharging current	15A
		Over charge Protection	Over charge detection voltage
3	Over charge Protection	Over charge detection delay time	0.7~1.5S
		Over charge release voltage	4.1±0.03V
		Over discharge protection	Over discharge detection voltage
4	Over discharge protection	Over discharge detection delay time	100~1500mS
		Over discharge release voltage	3.0±0.10V
		Over discharge current detection current	50±10A
		Detection delay time of over discharge	50~150mS
		over charge current protection	14±3A
		Detection delay time of over charge	700-1300mS
		Release condition	Cut load,Auto Recovery
		Short protection	Detection condition
6	Short protection	Detection delay time	150~400uS
		Release condition	Cut load,Auto Recovery
		Temperature protection	Detection condition
7	Temperature protection	Release condition	Charge to release
		Resistance	Protection circuitry
8	Resistance	Protection circuitry	≤30mΩ
9	Temperature	Operating Temperature Range	-20~+80℃
		Storage Temperature Range	0~60℃

P+=B+=Charge+/Discharge+

P-=Charge- D-=Discharge- Size:L62\*W35\*T12mm

