

Model: 3S – 11.1V 5A Li-ion BMS - Balance**Stock Code:** 900.600.501.186

Test Item		Criterion
Voltage	Charging voltage	DC:12.6V 4.2/Cell
	Balance voltage for single cell	4.2±0.08V
Current	Balance current for single cell	42±5mA
	Current consumption	≤50µA
	Maximal continuous charging current	≤5A
	Maximal continuous Discharging current	≤5A
Over charge Protection	Over charge detection voltage for single cell	4.25±0.025V
	Over charge detection delay time	0.5S—1.5S
	Over charge release voltage for single cell	4.15±0.05V
Over discharge Protection	Over discharge detection voltage for single cell	2.70±0.08V
	Over discharge detection delay time	50mS—150mS
	Over discharge release voltage for single cell	3.0±0.1V
Over current protection	Over current detection voltage	0.20±0.025V
	Over current detection current	15±5A
	Detection delay time	5mS—50mS

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	Release condition	Cut load
Short protection	Detection condition	Exterior short circuit
	Detection delay time	200-500us
	Release condition	Cut load
Resistance	Protection circuitry (MOSFET)	≤50mΩ
Temperature	Operating Temperature Range	-20 ~ +60°C
	Storage Temperature Range	-20 ~ +85°C
	Temperature protection	75°C

