

Model: 7S – 25.9V 15A Li-ion BMS - Balance**Stock Code:** 900.600.501.160

Test Item		Criterion
Voltage	Charging voltage	DC:29.4V CC/CV
	Balance voltage for single cell	4.20±0.05V
Current	Balance current for single cell	42±5mA
	Current consumption	≤50uA
	Maximal continuous charging current	15A
	Maximal continuous Discharging current	15A
Over charge Protection	Over charge detection voltage for single cell	4.25±0.025V
	Over charge detection delay time	0.5S—2S
	Over charge release voltage for single cell	4.05±0.025V
Over discharge Protection	Over discharge detection voltage for single cell	3.00±0.05V
	Over discharge detection delay time	10mS—200mS
	Over discharge release voltage for single cell	3.20±0.05V
Over current protection	Over current detection voltage	0.15±0.025V
	Over current detection current	60±20A
	Detection delay time	5ms—20ms
	Release condition	Cut load

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	Detection condition	Exterior short circuit
Short protection	Detection delay time	200-500us
	Release condition	Cut load
Resistance	Protection circuitry (MOSFET)	≤20mΩ
Temperature	Operating Temperature Range	-20 ~ +65°C
	Storage Temperature Range	-20 ~ +85°C
	Temperature protection	75°C

