

Model: 1S – 3.7V 8A Li-ion BMS**Stock Code:** 900.600.501.162

Test Item		Criterion
Voltage	Charging voltage	DC4.2V CC/CV
	Balance voltage for single cell	
Current	Balance current for single cell	
	Current consumption	$\leq 10\mu\text{A}$
	Maximal continuous charging current	8A
	Maximal continuous Discharging current	8A
Over charge Protection	Over charge detection voltage for single cell	$4.25\pm 0.025\text{V}$
	Over charge detection delay time	0.5S—1.5S
	Over charge release voltage for single cell	$4.05\pm 0.025\text{V}$
Over discharge Protection	Over discharge detection voltage for single cell	$3.00\pm 0.05\text{V}$
	Over discharge detection delay time	10ms—150ms
	Over discharge release voltage for single cell	$3.20\pm 0.05\text{V}$
Over current protection	Over current detection voltage	$0.15\pm 0.025\text{V}$
	Over current detection current	$13\pm 3\text{A}$
	Detection delay time	500ms—2000ms
	Release condition	Cut load
Short protection	Detection condition	Exterior short circuit
	Detection delay time	200—500uS

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	Release condition	Cut load
Resistance	Protection circuitry (MOSFET)	≤60mΩ
Temperature	Operating Temperature Range	-20 ~ +65°C
	Storage Temperature Range	-20 ~ +85°C
	Discharging Over Temperature protection	10K SMT NTC Resistances

P+=C+=Charger+/Load P-=C-=Charger-/Load

