

power-xtra

Model: Power-Xtra - 1S - 3.7V 4A Li-ion BMS - 10K NTC - Nickel Steel

Stock Code: 900.600.501.236

TECHICAL INFORMATIONS

Item No	Specs / Details		Criteria / Parameters
1	Model	1S - 3.7V 4A Li-ion BMS	1S-4A working current
2	Voltage	Charging voltage	DC:4.2V CC/CV
3	Current	Maximal continuous charging current	4A
		Maximal continuous discharging current	4A
		Current consumption	$\leq 20\mu\text{A}$
4	Overcharge Protection	Over charge detection voltage	$4.25\pm 0.025\text{V}$
		Over charge detection delay time	1000ms (MAX)
		Over charge release voltage	$4.05\pm 0.05\text{V}$
5	Over Discharge Protection	Over discharge detection voltage	$2.8\text{V}\pm 0.08\text{V}$
		Over discharge detection delay time	20ms (MAX)
		Over discharge release voltage	$3.0\text{V}\pm 0.08\text{V}$
6	Over Current Protection	Over current detection voltage	$200\pm 30\text{mV}$
		Over current detection current	8A-10A
		Detection delay time	10ms (MAX)
		Release condition	Cut load,Auto recovery
7	Short Circuit Protection	Detection condition	Exterior shot circuit
		Detection delay time	200~500uS
		Release condition	Cut load or Charging Activation
8	Balance	Balance voltage for single cell	-
		Balance current for single cell	-
9	Resistance	Inner resistance	$\leq 60\text{m}\Omega$
10	Temperature	Operating temperature range	-20 ~ +75°C
		Storage Temperature range	-40°C~125°C

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IMAGE / TECHNICAL DRAWING

Dimension

Length	40mm
Width	7mm
Thickness	2.0mm
Nickel Steel	0.1*4.0*30.0mm