

**Model:** Power-Xtra - 1S - 3.7V 4A Li-ion BMS

**Stock Code:** 900.600.501.189

## 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	4.2V
3	Current	Maximal continuous charging current	4A
		Maximal continuous discharging current	4A
		Current consumption	$\leq 10\mu\text{A}$
4	Overcharge Protection	Over charge detection voltage	$4.25\text{V} \pm 0.025\text{V}$
		Over charge detection delay time	0.7~2S
		Over charge release voltage	$4.05\text{V} \pm 0.05\text{V}$
5	Over Discharge Protection	Over discharge detection voltage	$3.00\text{V} \pm 0.05\text{V}$
		Over discharge detection delay time	14mS—26mS
		Over discharge release voltage	$3.20 \pm 0.05\text{V}$
6	Over Current Protection	Over current detection voltage	$0.15 \pm 0.025\text{V}$
		Over current detection current	$7 \pm 2\text{A}$
		Detection delay time	7.2ms—11ms
		Release condition	Cut load
7	Short Circuit Protection	Detection condition	Exterior shot circuit
		Detection delay time	200~500uS
		Release condition	Cut load
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	-40 ~ +85°C
		Storage temperature range	-40~ +125°C
11	Dimension	Length	40mm
		Width	10mm
		Thickness	2.5mm

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## IMAGE / TECHNICAL DRAWING

