

Model: Power-Xtra - 1S - 3.7V 8A Li-ion BMS

Stock Code: 900.600.501.162

TECHICAL INFORMATIONS

Item No	Specs / Details		Criteria / Parameters
1	Model	1S - 3.7V 8A Li-ion BMS	1S-8A working current
2	Voltage	Charging voltage	4.2V
3	Current	Maximal continuous charging current	8A
		Maximal continuous discharging current	8A
		Current consumption	≤10μA
4	Overcharge Protection	Over charge detection voltage	4.25V±0.025V
		Over charge detection delay time	0.5~2S
		Over charge release voltage	4.05V±0.05V
5	Over Discharge Protection	Over discharge detection voltage	3.00V±0.08V
		Over discharge detection delay time	10mS—150mS
		Over discharge release voltage	3.20±0.05V
6	Over Current Protection	Over current detection voltage	0.15±0.025V
		Over current detection current	13±3A
		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	≤60mΩ
10	Temperature	Operating temperature range	-40 ~ +85°C
		Storage temperature range	-40~ +125°C
11	Dimension	Length	30mm
		Width	9mm
		Thickness	2.3mm

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IMAGE / TECHNICAL DRAWING

