

Model: Power-Xtra - 3S - 11.1V 8A Li-ion BMS

Stock Code: 900.600.501.200

TECHICAL INFORMATIONS

Item No	Specs / Details		Criteria / Parameters
1	Model	3S - 11.1V 8A Li-ion BMS	3S-8A working current
2	Voltage	Charging voltage	12.6V
3	Current	Maximal continuous charging current	8A
		Maximal continuous discharging current	8A
		Current consumption	$\leq 50\mu\text{A}$
4	Overcharge Protection	Over charge detection voltage	$4.25\text{V} \pm 0.025\text{V}$
		Over charge detection delay time	0.5~1.5S
		Over charge release voltage	$4.15 \pm 0.025\text{V}$
5	Over Discharge Protection	Over discharge detection voltage	$2.70\text{V} \pm 0.08\text{V}$
		Over discharge detection delay time	50mS—150mS
		Over discharge release voltage	$3.0 \pm 0.10\text{V}$
6	Over Current Protection	Over current detection voltage	$200 \pm 25\text{mv}$
		Over current detection current	$20 \pm 4\text{A}$
		Detection delay time	5mS—50mS
		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	$\leq 100\text{m}\Omega$
10	Temperature	Operating temperature range	-20 ~ +65°C
		Storage temperature range	-20~ +85°C
11	Dimension	Length	35mm
		Width	33mm
		Thickness	3mm

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IMAGE / TECHNICAL DRAWING

