

Model: Power-Xtra - 2S - 7.4V 5A Li-ion BMS- 1

Stock Code: 900.600.501.166

TECHICAL INFORMATIONS

Item No	Specs / Details		Criteria / Parameters
1	Model	2S - 7.4V 5A Li-ion BMS	2S-5A working current
2	Voltage	Charging voltage	8.4V
3	Current	Maximal continuous charging current	5A
		Maximal continuous discharging current	5A
		Current consumption	≤20μA
4	Overcharge Protection	Over charge detection voltage	4.25V±0.025V
		Over charge detection delay time	0.5~1.5S
		Over charge release voltage	4.05V±0.05V
5	Over Discharge Protection	Over discharge detection voltage	2.40V±0.05V
		Over discharge detection delay time	50—150mS
		Over discharge release voltage	3.0±0.1V
6	Over Current Protection	Over current detection voltage	200±15mv
		Over current detection current	12±3A
		Detection delay time	5mS—15mS
		Release condition	Cut load or Charging Activation
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	≤40mΩ
10	Temperature	Operating temperature range	-20 ~ +70°C
		Storage temperature range	-55~ +125°C
11	Dimension	Length	36.0mm
		Width	18.0mm
		Thickness	2.5mm

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IMAGE / TECHNICAL DRAWING

