

power-xtra

Model: Power-Xtra - 2S - 7.4V 5A Li-ion BMS - NTC - With Metal Connection

Stock Code: 900.600.501.248

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	DC:8.4V CC/CV
3	Current	Maximal continuous charging current	5A
		Maximal continuous discharging current	5A
		Current consumption	7.0-12.0uA
4	Overcharge Protection	Over charge detection voltage	4.25±0.05V
		Over charge detection delay time	1000ms (MAX)
		Over charge release voltage	4.05±0.05V
5	Over Discharge Protection	Over discharge detection voltage	2.8V±0.01V
		Over discharge detection delay time	128ms (MAX)
		Over discharge release voltage	3.0±0.1V
6	Over Current Protection	Over current detection voltage	200±0mV
		Over current detection current	8A-8.5A
		Detection delay time	12ms (MAX)
		Release condition	Cut load,Auto recovery
7	Short Circuit Protection	Detection condition	Exterior shot circuit
		Detection delay time	300µs (MAX)
		Release condition	Cut load or Charging Activation
8	Balance	Balance voltage for single cell	-
		Balance current for single cell	-
9	Resistance	Inner resistance	RDS≤60mΩ
10	Temperature	Operating temperature range	-20 ~ +70°C
		Storage Temperature Range	-40 ~ +125°C

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IMAGE / TECHNICAL DRAWING

Dimension

Length	45mm
Width	8.5mm
Thickness	0.8mm
Nickel Steel	0.1*4.0*30.0mm

