

Model: Power-Xtra - 4S - 14.8V 20A Li-ion BMS

Stock Code: 900.600.501.147

TECHICAL INFORMATIONS

Item No	Specs / Details		Criteria / Parameters
1	Model	4S - 14.8V 20A Li-ion BMS	4S-20A working current
2	Voltage	Charging voltage	16.8V
3	Current	Maximal continuous charging current	20A
		Maximal continuous discharging current	20A
		Current consumption	≤20μA
4	Overcharge Protection	Over charge detection voltage	4.25V±0.025V
		Over charge detection delay time	0.5~2.0S
		Over charge release voltage	4.05V±0.05V
5	Over Discharge Protection	Over discharge detection voltage	2.80V±0.05V
		Over discharge detection delay time	10mS—200mS
		Over discharge release voltage	3.0±0.1V
6	Over Current Protection	Over current detection voltage	200±30mv
		Over current detection current	100±10A
		Detection delay time	5mS—20mS
		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	4.2±0.025V
		Balance current for single cell	42±5mA
9	Resistance	Inner resistance	≤20mΩ
10	Temperature	Operating temperature range	-40 ~ +65°C
		Temperature Switch	75°C
		Storage temperature range	-40~ +125°C
11	Dimension	Length	60mm
		Width	60mm
		Thickness	8mm

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IMAGE / TECHNICAL DRAWING

