

Model: Power-Xtra - 16S - 59.2V 80A Li-ion BMS with Balance Function

Stock Code: 900.600.501.185

TECHICAL INFORMATIONS

Item No	Specs / Details		Criteria / Parameters
1	Model	16S – 59.2V 80A Li-ion BMS	16S-80A working current
2	Voltage	Charging voltage	67.2V
3	Current	Maximal continuous charging current	80A
		Maximal continuous discharging current	80A
		Current consumption	≤50μA
4	Overcharge Protection	Over charge detection voltage	4.25V±0.025V
		Over charge detection delay time	0.5~2S
		Over charge release voltage	4.15V±0.05V
5	Over Discharge Protection	Over discharge detection voltage	2.75V±0.08V
		Over discharge detection delay time	10mS—600mS
		Over discharge release voltage	3.0±0.10V
6	Over Current Protection	Over current detection voltage	0.1±0.025V
		Over current detection current	260~350A
		Detection delay time	500ms—1500ms
		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	4.20±0.025V
		Balance current for single cell	42±5mA
9	Resistance	Inner resistance	≤20mΩ
10	Temperature	Operating temperature range	-20 ~ +70°C
		Storage temperature range	-40 ~ +125°C
		Temperature Sensor	75°C
11	Dimension	Length	125mm
		Width	65mm
		Thickness	10mm

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IMAGE / TECHNICAL DRAWING

