

Model: Power-Xtra - 3S - 11.1V 40A Li-ion BMS with Balance Function

Stock Code: 900.600.501.182

TECHICAL INFORMATIONS

Item No	Specs / Details		Criteria / Parameters
1	Model	3S - 11.1V 40A Li-ion BMS	3S-40A working current
2	Voltage	Charging voltage	12.6V
3	Current	Maximal continuous charging current	40A
		Maximal continuous discharging current	40A
		Current consumption	≤20μA
4	Overcharge Protection	Over charge detection voltage	4.25V±0.025V
		Over charge detection delay time	0.5~2S
		Over charge release voltage	4.05V±0.05V
5	Over Discharge Protection	Over discharge detection voltage	2.80V±0.08V
		Over discharge detection delay time	10mS—200mS
		Over discharge release voltage	3.0±0.10V
6	Over Current Protection	Over current detection voltage	0.15±0.025V
		Over current detection current	150±30A
		Detection delay time	5mS—15mS
		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 ~ +65°C
		Storage temperature range	-20~ +70°C
		Temperature Sensor	75°C
11	Dimension	Length	135mm
		Width	60mm
		Thickness	8.5mm

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IMAGE / TECHNICAL DRAWING

