

Model: Power-Xtra - 6S - 22.2V 30A Li-ion BMS - Balance Function

Stock Code: 900.600.501.231

TECHICAL INFORMATIONS

Item No	Specs / Details		Criteria / Parameters
1	Model	6S - 22.2V 30A Li-ion BMS	6S-30A working current
2	Voltage	Charging voltage	25.2V
3	Current	Maximal continuous charging current	30A
		Maximal continuous discharging current	30A
		Current consumption	30uA-90uA
4	Overcharge Protection	Over charge detection voltage	4.25V±0.025V
		Over charge detection delay time	500mS—1500mS
		Over charge release voltage	4.15V±0.05V
5	Over Discharge Protection	Over discharge detection voltage	2.70V±0.08V
		Over discharge detection delay time	500ms—1500ms
		Over discharge release voltage	3.0±0.1V
6	Over Current Protection	Over current detection voltage	120mV±30mV
		Over current detection current	150A±30A
		Detection delay time	80ms—120ms
		Release condition	Cut load,automatically recover
7	Short Circuit Protection	Detection condition	Exterior shot circuit
		Detection delay time	80-500us
		Release condition	Cut load,automatically recover
8	Balance	Balance voltage for single cell	4.2±0.05V
		Balance current for single cell	50mA-75mA
9	Resistance	Inner resistance	≤50mΩ
10	Temperature	Operating temperature range	-20 ~ +60°C
		NTC	10K 3435
		Storage temperature range	--20 ~ +85°C
11	Dimension	Length	80mm
		Width	60mm
		Thickness	11mm

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IMAGE / TECHNICAL DRAWING

