

Model: Power-Xtra - 12S - 44.4V 30A Li-ion BMS - No Balance

Stock Code: 900.600.501.174

TECHICAL INFORMATIONS

Item No	Specs / Details		Criteria / Parameters
1	Model	12S - 44.4V 30A Li-ion BMS	12S-30A working current
2	Voltage	Charging voltage	50.4V CC/CV
3	Current	Maximal continuous charging current	30A
		Maximal continuous discharging current	30A
		Current consumption	$\leq 50\mu\text{A}$
4	Overcharge Protection	Over charge detection voltage	$4.25\text{V} \pm 0.10\text{V}$
		Over charge detection delay time	500ms—1500ms
		Over charge release voltage	$4.15 \pm 0.05\text{V}$
5	Over Discharge Protection	Over discharge protection voltage	$2.75 \pm 0.08\text{V}$
		Over discharge detection delay time	100ms—600ms
		Over discharge protection release voltage	$3.00 \pm 0.010\text{V}$
6	Over Current Protection	Over current protection	120~150A
		Detection delay time	200-500us
7	Short Circuit Protection	Protection delay time	300uS
		Recovery	Disconnect the load or disconnect the weak current switch, automatic recovery
8	Balance	Balance voltage for single cell	-
		Balance current for single cell	-
9	Resistance	Inner resistance	$\leq 20\text{m}\Omega$
10	Temperature	Operating temperature range	-20 ~ +65°C
		Storage temperature range	-40 ~ +125°C
11	Dimension	Length	120 mm
		Width	63 mm
		Thickness	10 mm

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IMAGE / TECHNICAL DRAWING

