

Model: Power-Xtra - 3S - 11.1V 60A Li-ion BMS with Balance Function

Stock Code: 900.600.501.183

TECHICAL INFORMATIONS

Item No	Specs / Details		Criteria / Parameters
1	Model	3S - 11.1V 60A Li-ion BMS	3S-60A working current
2	Voltage	Charging voltage	12.6V
3	Current	Maximal continuous charging current	60A
		Maximal continuous discharging current	60A
		Current consumption	$\leq 20\mu\text{A}$
4	Overcharge Protection	Over charge detection voltage	$4.25\text{V} \pm 0.025\text{V}$
		Over charge detection delay time	0.5~2S
		Over charge release voltage	$4.05\text{V} \pm 0.05\text{V}$
5	Over Discharge Protection	Over discharge detection voltage	$2.80\text{V} \pm 0.08\text{V}$
		Over discharge detection delay time	10mS—200mS
		Over discharge release voltage	$3.0 \pm 0.10\text{V}$
6	Over Current Protection	Over current detection voltage	$0.15 \pm 0.025\text{V}$
		Over current detection current	$180 \pm 30\text{A}$
		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	$4.20 \pm 0.025\text{V}$
		Balance current for single cell	$42 \pm 5\text{mA}$
9	Resistance	Inner resistance	$\leq 20\text{m}\Omega$
10	Temperature	Operating temperature range	-40 ~ +65°C
		Storage temperature range	-40 ~ +125°C
		Temperature Sensor	75°C
11	Dimension	Length	135mm
		Width	90mm
		Thickness	8.5mm

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IMAGE / TECHNICAL DRAWING

