

power-xtra

Model: Power-Xtra - 2S - 6.4V 3A LiFePO4 BMS – Balance Function

Stock Code: 900.600.501.235

TECHICAL INFORMATIONS

Item No	Specs / Details		Criteria / Parameters
1	Model	2S - 6.4V 3A LiFePO4 BMS	2S-3A working current
2	Voltage	Charging voltage	DC:7.2V CC/CV
3	Current	Maximal continuous charging current	3A
		Maximal continuous discharging current	3A
		Current consumption	$\leq 20\mu\text{A}$
4	Overcharge Protection	Over charge detection voltage	$3.65\pm 0.025\text{V}$
		Over charge detection delay time	0.5—1.8S
		Over charge release voltage	$3.45\pm 0.05\text{V}$
5	Over Discharge Protection	Over discharge detection voltage	$2.50\pm 0.08\text{V}$
		Over discharge detection delay time	50—170mS
		Over discharge release voltage	$3.0\pm 0.1\text{V}$
6	Over Current Protection	Over current detection voltage	$200\pm 30\text{mv}$
		Over current detection current	$7\pm 3\text{A}$
		Detection delay time	5—15mS
		Release condition	Cut load,Auto recovery
7	Short Circuit Protection	Detection condition	Exterior shot circuit
		Detection delay time	200~500uS
		Release condition	Cut load or Charging Activation
8	Balance	Balance voltage for single cell	$3.6\text{V}\pm 0.025\text{V}$
		Balance current for single cell	$36\pm 5\text{mA}$
9	Resistance	Inner resistance	$\leq 100\text{m}\Omega$
10	Temperature	Operating temperature range	-20 ~ +70°C
		Temperature Switch	75°C

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IMAGE / TECHNICAL DRAWING

Dimension

Length	50mm
Width	8mm
Thickness	2.5mm

P+=C+=Charger+/Load+

P==C==Charger-/Load- Size: L50*W8*T2.5mm

