

power-xtra

Model: Power-Xtra - 8S - 25.6V 5A LiFePO4 BMS – Balance Function

Stock Code: 900.600.501.245

TECHICAL INFORMATIONS

Item No	Specs / Details		Criteria / Parameters
1	Model	8S – 25.6V 5A LiFePO4 BMS	8S-5A working current
2	Voltage	Charging voltage	DC:28.8V CC/CV
3	Current	Maximal continuous charging current	5A
		Maximal continuous discharging current	5A
		Current consumption	≤20μA
4	Overcharge Protection	Over charge detection voltage	3.75±0.025V
		Over charge detection delay time	0.5—1.8S
		Over charge release voltage	3.60±0.05V
5	Over Discharge Protection	Over discharge detection voltage	2.10±0.08V
		Over discharge detection delay time	50ms—150ms
		Over discharge release voltage	2.3±0.1V
6	Over Current Protection	Over current detection voltage	0.20±0.015V
		Over current detection current	10±3A
		Detection delay time	5—20mS
		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	3.6V±0.025V
		Balance current for single cell	36±5mA
9	Resistance	Protection circuitry (MOSFET)	≤20mΩ
10	Temperature	Operating temperature range	-20 ~ +60°C
		Storage Temperature Range	-40 ~ +125°C
		Temperature protection	75°C Switch

power-xtra

Model: Power-Xtra - 8S - 25.6V 5A LiFePo4 BMS – Balance Function

Stock Code: 900.600.501.245

IMAGE / TECHNICAL DRAWING

Dimension

Length	65mm
Width	40mm
Thickness	7.5mm

B+=P+=C+= Discharge+/Charger+

P-=C= Discharge-/Charger-

PCM Size: 65*40*7.5mm

