

Model: Power-Xtra - 10S - 37.0V 15A Li-ion BMS - PX13E10-01

Stock Code: 900.600.501.081

TECHICAL INFORMATIONS

Item No	Specs / Details		Criteria / Parameters
1	Model	10S - 37.0V 15A Li-ion BMS	10S-15A working current
2	Voltage	Charging voltage	42.0V
3	Current	Maximal continuous charging current	15A
		Maximal continuous discharging current	15A
		Current consumption	≤50μA
4	Overcharge Protection	Over charge detection voltage	4.30V±0.025V
		Over charge detection delay time	0.5~2S
		Over charge release voltage	4.10V±0.05V
5	Over Discharge Protection	Over discharge detection voltage	2.40V±0.08V
		Over discharge detection delay time	10mS—200mS
		Over discharge release voltage	3.00±0.10V
6	Over Current Protection	Over current detection voltage	0.15±0.025V
		Over current detection current	90±30A
		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	-
		Balance current for single cell	-
9	Resistance	Inner resistance	-
10	Temperature	Operating temperature range	-30 ~ +80°C
		Storage temperature range	-40 ~ +125°C
		Temperature Sensor	-
11	Dimension	Length	62mm
		Width	43mm
		Thickness	10mm

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IMAGE / TECHNICAL DRAWING

