

Model: Power-Xtra - 3S - 11.1V 40A Li-ion BMS

Stock Code: : 900.600.501.212

TECHICAL INFORMATIONS

Item No	Specs / Details		Criteria / Parameters
1	Model	3S - 3.7V 40A Li-ion BMS	40A working current
2	Voltage	Charging voltage	DC 12.6V~13.6V
3	Current	Maximal continuous charging current	20A
		Maximal continuous discharging current	40A
		Current consumption	12 - 24uA
4	Overcharge Protection	Over charge detection voltage	4.2V±0.1V
		Over charge detection delay time	160ms (MAX)
		Over charge release voltage	4.15V±0.05V
5	Over Discharge Protection	Over discharge detection voltage	2.50V±0.1V
		Over discharge detection delay time	80ms (MAX)
		Over discharge release voltage	3.00±0.2V
6	Over Current Protection	Over current detection voltage	150±30mV
		Over current detection current	80 A±10 A
		Detection delay time	200ms (MAX)
		Release condition	Disconnect load
7	Short Circuit Protection	Detection condition	External circuit short circuit
		Detection delay time	600 μs (MAX)
		Release condition	Break the short circuit
8	Balance	Balance voltage for single cell	-
		Balance current for single cell	-
9	Resistance	Inner resistance	RDS ≤3.5m Ω
10	Temperature	Operating temperature range	-40 ~ +50°C
		Storage temperature range	-40~ +80°C
11	Dimension (with nickel belt)	Length	55mm
		Width	41mm
		Thickness	4mm

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IMAGE / TECHNICAL DRAWING

