

Model: Power-Xtra - 20S - 74.0V 80 A - Li-ion BMS -Balance Function

Stock Code: 900.600.501.191

TECHICAL INFORMATIONS

Item No	Specs / Details		Criteria / Parameters
1	Model	20S - 74.0V 80A Li-ion BMS	20S-80A working current
2	Voltage	Charging voltage	84.0V
3	Current	Maximal continuous charging current	20A
		Maximal continuous discharging current	80A
		Current consumption	$\leq 20\mu A$
4	Overcharge Protection	Over charge detection voltage	$4.25V \pm 0.025V$
		Over charge detection delay time	500ms—1500ms
		Over charge release voltage	$4.05 \pm 0.05V$
5	Over Discharge Protection	Over discharge detection voltage	$2.80 \pm 0.062V$
		Over discharge detection delay time	10ms—150ms
		Over discharge release voltage	$3.0 \pm 0.1V$
6	Over Current Protection	Over current detection voltage	$0.15 \pm 0.025V$
		Over current detection current	$240 \pm 50A$
		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	$4.20 \pm 0.025V$
		Balance current for single cell	$84 \pm 10mA$
9	Resistance	Inner resistance	$\leq 20m\Omega$
10	Temperature	Operating temperature range	-20 ~ +70°C
		Storage temperature range	-40 ~ +125°C
		Temperature Sensor	75°C
11	Dimension	Length	120mm
		Width	80mm
		Thickness	25mm

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IMAGE / TECHNICAL DRAWING

