

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

Stock Code: 900.600.501.053

TECHICAL INFORMATIONS

Item No	Specs / Details		Criteria / Parameters
1	Model	20S - 74.0V 80 A - Li-ion BMS	20S-80A working current
2	Voltage	Charging voltage	84V
3	Current	Maximal continuous charging current	20A
		Maximal continuous discharging current	80A
		Current consumption	$\leq 20\mu\text{A}$
4	Overcharge Protection	Over charge detection voltage	$4.28\text{V} \pm 0.025\text{V}$
		Over charge detection delay time	0.5~2S
		Over charge release voltage	$4.08\text{V} \pm 0.05\text{V}$
5	Over Discharge Protection	Over discharge detection voltage	$2.80\text{V} \pm 0.05\text{V}$
		Over discharge detection delay time	50~200mS
		Over discharge release voltage	$2.80\text{V} \pm 0.1\text{V}$
6	Over Current Protection	Over current detection voltage	0.1V~0.2V
		Over current detection current	$240 \pm 40\text{A}$
		Detection delay time	5~20mS
		Release condition	Cut load, automatically recover
7	Short Circuit Protection	Detection condition	Exterior shot circuit
		Detection delay time	200~500uS
		Release condition	Cut load, automatically recover
8	Balance	Balance voltage for single cell	$4.2\text{V} \pm 0.025\text{V}$
		Balance current for single cell	$168 \pm 20\text{mA}$
9	Resistance	Inner resistance	$\leq 20\text{m}\Omega$
10	Temperature	Operating temperature range	-40 ~ +85°C
		Storage temperature range	-20~ +125°C
11	Dimension	Length : L120mm Width: W80mm Thickness: T25mm	

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IMAGE / TECHNICAL DRAWING

