

# POWER-XTRA

**Stock Code :** 900.600.501.043

**Model:** Power-Xtra Li-ion/Li-Po PCM 25.9V (7 Cell) 100A\_PCX-8S10A-047(8S)

No.	Test item	Criterion	
1	Voltage	Charging voltage	DC:29.4V CC/CV
		Balance voltage for single cell	4.20±0.025V
2	Current	Balance current for single cell	42±5mA
		Current consumption	≤25uA
		Maximal continuous charging current	100A
		Maximal continuous Discharging current	100A
3	Over charge Protection	Over charge detection voltage for single cell	4.25±0.025V
		Over charge detection delay time	800—1300mS
		Over charge release voltage for single cell	4.15±0.05V
4	Over discharge protection	Over discharge detection voltage for single c	2.75V±0.08V
		Over discharge detection delay time	100mS—800mS
		Over discharge release voltage for single cel	3.00±0.05V
5	Over current protection	Over current detection voltage	100±25mv
		Over current detection current	350±100A
		Detection delay time	10mS—800mS
		Release condition	Cut load or charging activation
6	Short protection	Detection condition	Exterior short circuit
		Detection delay time	50-200us
		Release condition	Cut load or charging activation
7	Resistance	Protection circuitry (MOSFET)	≤60mΩ
8	Temperature	Operating Temperature Range	-20~+70°C
		Storage Temperature Range	-40~+125°C
		Temperature Release	50.5°C±12.5°C
		temperature protection	75°C
9	Dimension	Length	174mm
		Width	157mm
		Thickness	13mm

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