

# POWER-XTRA

Stock Code : 900.600.501.017

Model: Power-Xtra Li-ion/Li-Po PCM 18.5V (5 Cell) 8A\_PCX-5S7A-089(5S)

No.	Test item	Criterion	
1	Voltage	Charging voltage	DC:21V CC/CV
		Balance voltage for single cell	--
2	Current	Balance current for single cell	--
		Current consumption	≤20μA
		Maximal continuous charging current	8A
		Maximal continuous Discharging current	8A
3	Over charge Protection	Over charge detection voltage for single cell	4.25±0.025V
		Over charge detection delay time	0.5S—2S
		Over charge release voltage for single cell	4.05±0.05V
4	Over discharge protection	Over discharge detection voltage for single c	2.50±0.08V
		Over discharge detection delay time	10mS—150mS
		Over discharge release voltage for single cel	3.0±0.1V
5	Over current protection	Over current detection voltage	0.2±0.025V
		Over current detection current	30±10A
		Detection delay time	5ms—15ms
		Release condition	Cut load or charging activation
6	Short protection	Detection condition	Exterior short circuit
		Detection delay time	200-500us
		Release condition	Cut load or charging activation
7	Resistance	Protection circuitry (MOSFET)	≤20mΩ
8	Temperature	Operating Temperature Range	-20~+60°C
		Storage Temperature Range	-40~+125°C
		temperature protection	without
9	Dimension	Length	86mm
		Width	16.1mm
		Thickness	3mm

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