

# POWER-XTRA

**Stock Code :** 900.600.501.176

**Model:** Power-Xtra Li-ion/Li-Po PCM 25.9V (7 Cell) 10A\_PX7S10A-119-Balance Function

No.	Test item	Criterion	
1	Voltage	Charging voltage	DC:29.4V CC/CV
		Balance voltage for single cell	4.2±0.025V
2	Current	Balance current for single cell	42±5mA
		Current consumption	≤20μA
		Maximal continuous charging current	10A
		Maximal continuous Discharging current	10A
		Over charge detection voltage for single cell	4.25±0.025V
3	Over charge Protection	Over charge detection delay time	0.5S—2S
		Over charge release voltage for single cell	4.05±0.05V
		Over discharge detection voltage for single c	2.50±0.08V
4	Over discharge protection	Over discharge detection delay time	100ms—600ms
		Over discharge release voltage for single cel	3.0±0.1V
		Over current detection voltage	0.2±0.025V
5	Over current protection	Over current detection current	35±10A
		Detection delay time	7.2ms—11ms
		Release condition	Cut load or charging activation
		Detection condition	Exterior short circuit
6	Short protection	Detection delay time	200-500us
		Release condition	Cut load or charging activation
		Protection circuitry (MOSFET)	≤30mΩ
7	Resistance	Operating Temperature Range	-20~+60°C
		Storage Temperature Range	-40~+125°C
		temperature protection	75°C
8	Temperature	Length	65mm
		Width	35mm
		Thickness	7.5mm

