

# POWER-XTRA

Stock Code : 900.600.501.163

Model: Power-Xtra Li-ion/Li-Po PCM 7.4V (2 Cell) 5 A\_PCX-2S5A-107V3(2S)

No.	Test item	Criterion	
1	Voltage	Charging voltage	DC:8.4V CC/CV
		Balance voltage for single cell	4.20±0.025V
2	Current	Balance current for single cell	42±5mA
		Current consumption	≤20μA
		Maximal continuous charging current	5A
		Maximal continuous Discharging current	5A
3	Over charge Protection	Over charge detection voltage for single cell	4.25V±0.025V
		v	0.5S–1.5S
		Over charge release voltage for single cell	4.05±0.025V
4	Over discharge protection	Over discharge detection voltage for single cell	2.40V±0.05V
		Over discharge detection delay time	50mS–150mS
		Over discharge release voltage for single cell	3.0±0.05V
5	Over current protection	Over current detection voltage	200±15mv
		Over current detection current	12±3A
		Detection delay time	5mS–15mS
		Release condition	Cut load
6	Short protection	Detection condition	Exterior short circuit
		Detection delay time	200-500us
		Release condition	Cut load
7	Resistance	Protection circuitry (MOSFET)	≤50mΩ
8	Temperature	Operating Temperature Range	-20 ~ +70°C
		Storage Temperature Range	-40 ~ +125°C
9	Dimension	L46mm x W13mm x T2.5mm	
10	Temperature Protection: No		

