

POWER-XTRA

Stock Code : 900.600.501.144

Model : Power-Xtra Li-ion/Li-Po PCM 14.8V (4 Cell) 2.5 A_PCX-4S4A-02(4S)

No.	Test item	Criterion	
1	Voltage	Charging voltage	DC:16.8V CC/CV
		Balance voltage for single cell	
2	Current	Balance current for single cell	
		Current consumption	≤50μA
		Maximal continuous charging current	2.5A
		Maximal continuous Discharging current	2.5A
3	Over charge Protection	Over charge detection voltage for single cell	4.250±0.025 V
		Over charge detection delay time	0.5S—1.5S
		Over charge release voltage for single cell	4.150±0.050 V
4	Over discharge protection	Over discharge detection voltage for single cell	2.70 ± 0.080 V
		Over discharge detection delay time	0.5S—1.5S
		Over discharge release voltage for single cell	3.00±0.100 V
5	Over current protection	Over current detection voltage	0.20±0.025 V
		Over current detection current	10±2A
		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	-40 ~ +85°C
		Storage Temperature Range	-40 ~ +125°C
9	Dimension	T5mm * W16mm * L50mm	

