

POWER-XTRA

Model: Power-Xtra Li-ion/Li-Po PCM 14.8V (4 Cell) 12 A_PCX-4S12A-054 (4S) Stock Code : 900.600.501.146

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	≤20μA
		Maximal continuous charging current	12A
		Maximal continuous Discharging current	12A
3	Over charge Protection	Over charge detection voltage for single cell	4.25V±0.025V
		Over charge detection delay time	0.5S—1.5S
		Over charge release voltage for single cell	4.15V±0.05V
4	Over discharge protection	Over discharge detection voltage for single cell	2.70V±0.08V
		Over discharge detection delay time	0.5S—1.5S
		Over discharge release voltage for single cell	3.0±0.10V
5	Over current protection	Over current detection voltage	200±25mv
		Over current detection current	70±10A
		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)	≤20mΩ
8	Temperature	Operating Temperature Range	-40 ~ +85°C
		Storage Temperature Range	-40 ~ +125°C
9	Dimension /Size	L64mm*W23mm*T5mm	

