

# POWER-XTRA

Model: Power-Xtra Li-ion/Li-Po PCM 25.9V (7 Cell) 80 A_ PCX-24560A-035C(7S) Stock Code: 900.600.501.152			
No.	Test Item	Criterion	
1	Voltage	Charging voltage	DC: 29.4V CC/CV
		Balance voltage for single cell	4.20±0.025V
2	Current	Balance current for single cell	84±10mA
		Current consumption	≤20μA
		Maximal continuous charging current	20A
		Maximal continuous Discharging current	80A
3	Over charge Protection	Over charge detection voltage for single cell	4.25±0.025V
		Over charge detection delay time	0.5S—1.5S
		Over charge release voltage for single cell	4.05±0.05V
4	Over discharge protection	Over discharge detection voltage for single cell	2.80±0.062V
		Over discharge detection delay time	10mS—150mS
		Over discharge release voltage for single cell	3.00±0.062V
5	Over current protection	Over current detection voltage	0.15±0.025V
		Over current detection current	230±30A
		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
		Temperature protection	75°C

B+=C+=P+=Charger+/Load+

P-=Load-, C-=Charger- Size: L120\*W80\*T25mm

