

# POWER-XTRA

**Model :** Power-Xtra LiFePO4 PCM/BMS 6.4V (2 Cell) 3A\_PCX-2S6A

**Stock Code :** 900.600.501.138

No.	Test item		Criterion
1	Voltage	Charging voltage	DC: 7.2V CC/CV
		Balance voltage for single cell	/
2	Current	Balance current for single cell	/
		Current consumption	≤15uA
		Maximal continuous charging current	3A
		Maximal continuous Discharging current	3A
3	Over charge Protection	Over charge detection voltage for single cell	3.65±0.025V
		Over charge detection delay time	0.5S—2S
		Over charge release voltage for single cell	3.45±0.025V
4	Over discharge protection	Over discharge detection voltage for single cell	2.50±0.05V
		Over discharge detection delay time	10mS—200mS
		Over discharge release voltage for single cell	3.0±0.05V
5	Over current protection	Over current detection voltage	0.2±0.02V
		Over current detection current	5.5±1A
		Detection delay time	7.2ms—11ms
		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)	≤60mΩ
8	Temperature	Operating Temperature Range	-40 ~ +85°C
		Storage Temperature Range	-40 ~ +125°C

Size:L50\*W7\*T1mm

