

**Model:** Power-Xtra PX112425 - 3.7V 500 mAh Li-Polymer Battery -BMS-1.5A

**Stock Code:** 900.869.503.290

## TECHNICAL INFORMATIONS

Item	Specifications	Conditions
Nominal Voltage	3.7±0.05V	0.2C Discharge
Charging	Method	CC-CV
	Voltage	4.20±0.05V
Typ. Capacity	500 mAh	0.2C discharge
Standard Charging Current	100 mAh (0.2C)	Constant current 0.2C end voltage 2.75V
Standard Discharging Current	100 mAh (0.2C)	Constant current 0.2C end voltage 4.2V
Max. Continuous Charge Current	500 mAh (1.0C)	
Max. Continuous Discharge Current	500 mAh (1.0C)	
Temperature	Charge	0 to +45°C
	Discharge	-20 to +60°C
	Storage	Less than 1 year: -20~25°C less than 3 months: -20~40°C
Weight	12 g	approximately
Cycles Test	Higher than 70% of the Initial Capacities of the Cells Carry out 500cycle Charging/Discharging in the below condition. ♦Charge: Standard Charge ♦Discharge:0.5C to 2.75 V ♦Rest Time between charge /discharge:30min. ♦Temperature:20±5°C	

## PCM PARAMETER PER BATTERY PACK

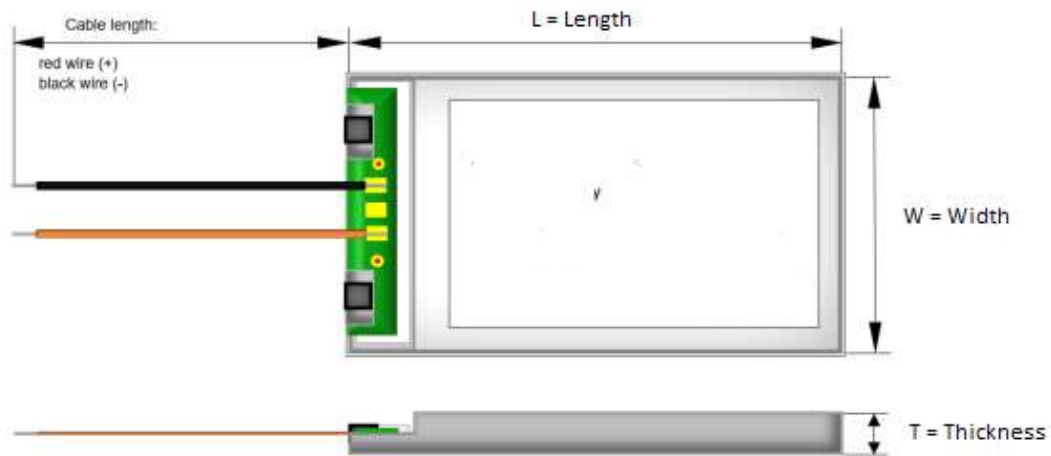
Item	Content	Criterion
Current	Maximum Charge / Discharge	1.5A
Over charge Protection	Overcharge Det. Voltage	4.28±0.05V
	Overcharge Rel. Voltage	4.10±0.05V
Over charge Protection	Overdischarge Det. Voltage	2.40±0.10V
	Overdischarge Rel. Voltage	3.00±0.1V

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## Dimension Details

Item	Description	Dimension
T	Cell Tab Thickness	11.2± 0.5 mm
W	Cell Tab Width	24.5± 1 mm
L	Cell Tab Length	27± 1 mm
CL	Cable Length Length	100± 0.3 mm
P	Connector Model	-

## Technical Drawing



## Image

