

**Model:** Power-Xtra PX1000XSL -1S1P- 3.7V 1000 mAh Li-Polymer Battery -15C

**Stock Code:** 900.869.503.261

## TECHNICAL INFORMATIONS

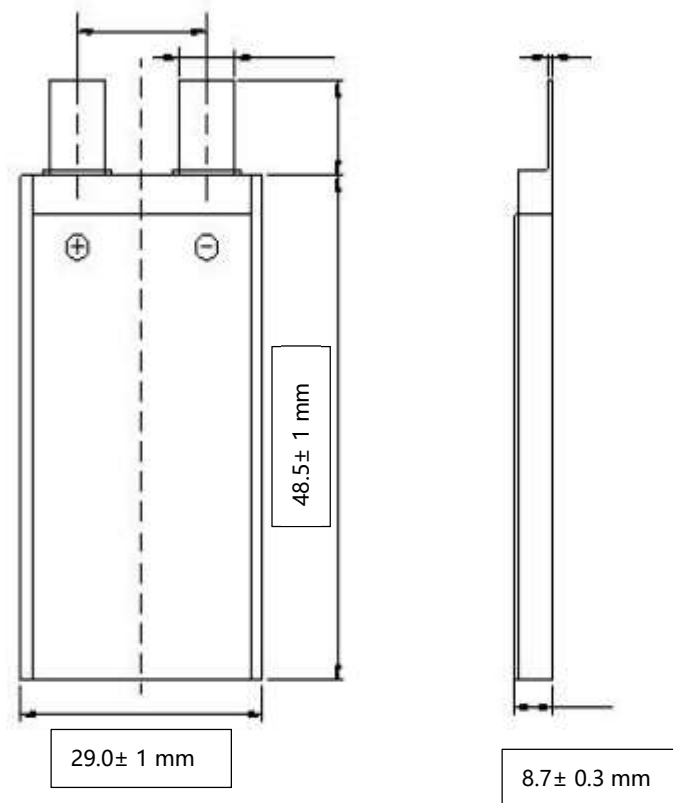
Item	Specifications	Conditions
Nominal Voltage	3.7V±0.05V	0.2C Discharge
Charging	Method	CC-CV
	Voltage	4.2V±0.05V
Typ. Capacity	1.000 mAh	0.2C Discharge cut-off Voltage 3.0V after standard charge at 23±2°C
Maximum Charge Voltage	4.2V	4.2V/Cell
Configuration	<b>1S1P</b>	
Standard Charging Current	1.000 mAh (1.0C)	Constant Current 1.0C
Standard Discharging Current	1.000 mAh (1.0C)	Constant current 1.0C
Max. Charging Current	2.000 mAh (2.0C)	
Max. Constant Discharge Current	<b>15.0 AH (15.0C)</b>	Ref.Temperature:10~50°C
Max. Burst Discharge Current	<b>30.0 AH (30.0C)</b>	≤3S
Discharge Cut-Off Voltage	<b>3.0V</b>	
Temperature	Charge	0 to +10°C
		10 to +45°C
	Discharge	-20 to +60°C
	Storage	Less than 1 year: -20~25°C
less than 3 months: -20~30°C		
less than 1 months: -20~45°C		
Weight	6.5 gr ±0.5 g	approximately
Cycles Test	Measure the capacity under the following cycle conditions until the cycle life ends when the three discharge capacity ≤80%, Cycle conditions: Standard Charge, rest for 30min;Discharge at 1.0C to 9V cut-off, Testing temperature is 23±2°C. Cycle Life≥500 cycles	

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## Cell Dimension

Item	Description	Dimension
T	Cell Tab Thickness	8.7± 0.3 mm
W	Cell Tab Width	29.0± 1 mm
L	Cell Tab Length	48.0± 1 mm
CL	Cable Length Length	50.0 mm
P	Connector Model	JST-SYP-2P / 3239-24AWG



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## Battery Pack Dimension

Item	Description	Dimension
T	Cell Tab Thickness	9.0± 0.5 mm
W	Cell Tab Width	30.0± 1 mm
L	Cell Tab Length	50.0± 2 mm
CL	Cable Length Length	50.0 mm
P	Connector Model	JST-SYP-2P / 3239-20AWG

## Technical Drawing

