

Model: Power-Xtra PX800XL -2S1P- 7.4V 800 mAh Li-Polymer Battery -15C

Stock Code: 900.869.503.146

TECHNICAL INFORMATIONS

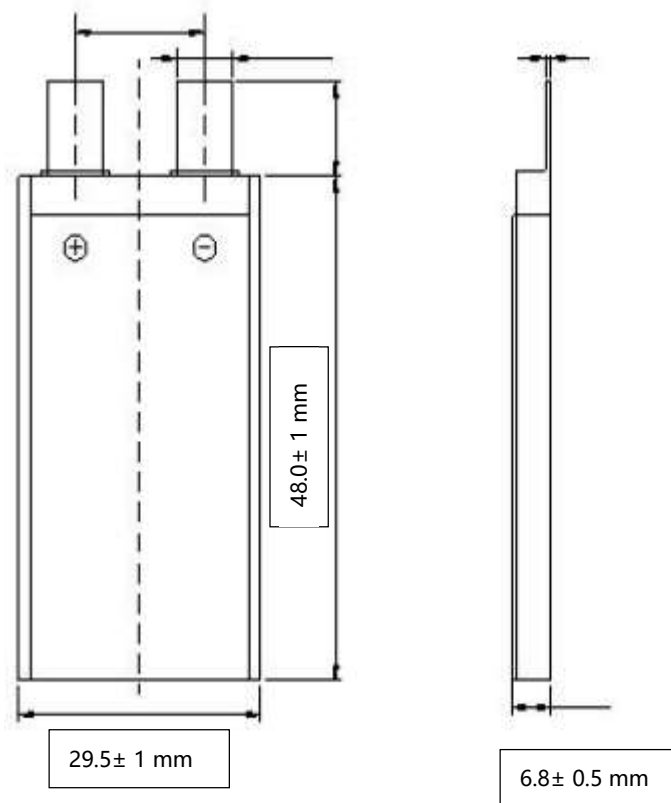
Item	Specifications	Conditions	
Nominal Voltage	7.4V±0.05V	0.2C Discharge	
Charging	Method	CC-CV	
	Voltage	12.6V±0.05V	
Typ. Capacity	800 mAh	0.2C Discharge cut-off Voltage 6.0V after standard charge at 23±2°C	
Maximum Charge Voltage	8.4V	4.2V/Cell	
Configuration	2S1P		
Standard Charging Current	800 mAh (1.0C)	Constant Current 1.0C	
Standard Discharging Current	800 mAh (1.0C)	Constant current 1.0C	
Maximum Charging Current	1600 mAh (2.0C)	Constant current 1.0C	
Max. Constant Discharge Current	9.6 AH (12.0C)	Ref.Temperature:10~50°C	
Max. Burst Discharge Current	24 AH (30.0C)	≤3S	
Discharge Cut-Off Voltage	6.0V		
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	Recommended storage temperature: 25±2°C,at the shipment state
Weight	35 gr	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	6.8± 0.5 mm
W	Cell Tab Width	29.5± 1 mm
L	Cell Tab Length	48.0± 1 mm
CL	Cable Length Length	-
P	Connector Model	-



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Battery Pack Dimension

Item	Description	Dimension
T	Cell Tab Thickness	15.0± 1.0 mm
W	Cell Tab Width	30.0± 1.0 mm
L	Cell Tab Length	60.0± 1 mm
CL	Cable Length Length	80.0±3 mm (UL3239 14# AWG)
P	Connector Model	JST-SYP-2P

Technical Drawing

