

Model: Power-Xtra PX800XL1S - 1S1P - 3.7V 800 mAh Li-Polymer Battery -20C

Stock Code: 900.869.503.291

TECHNICAL INFORMATIONS

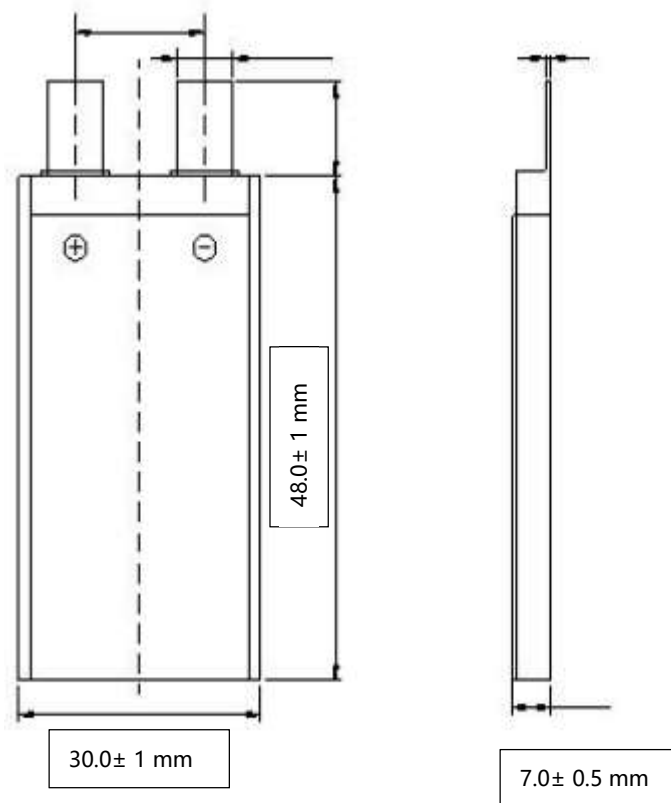
Item	Specifications	Conditions
Nominal Voltage	3.7V±0.05V	0.2C Discharge
Charging	Method	CC-CV
	Voltage	12.6V±0.05V
Typ. Capacity	800 mAh	0.2C Discharge cut-off Voltage 3.0V after standard charge at 23±2°C
Maximum Charge Voltage	4.2V	4.2V/Cell
Configuration	1S1P	
Standard Charging Current	800 mAh (1.0C)	Constant Current 1.0C
Standard Discharging Current	800 mAh (1.0C)	Constant current 1.0C
Max. Constant Discharge Current	16 AH (20C)	Ref.Temperature:10~50°C
Max. Burst Discharge Current	18 AH (30C)	≤3S
Discharge Cut-Off Voltage	3.0V	
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		
Weight	24.6 gr	approximately
Cycles Test	<p>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≥300 cycles</p>	

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Cell Dimension

Item	Description	Dimension
T	Cell Tab Thickness	7.0± 0.5 mm
W	Cell Tab Width	30.5± 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	8.4± 1.0 mm
W	Cell Tab Width	31.5± 1.0 mm
L	Cell Tab Length	51.5± 1 mm
CL	Cable Length Length	80±3 mm (UL3239 20# AWG)
P	Connector Model	JST-SYP-2P

Technical Drawing

