

Model: Power-Xtra PX800XXL2S -2S1P- 7.4V 800 mAh Li-Polymer Battery -20C

Stock Code: 900.869.503.203

TECHNICAL INFORMATIONS

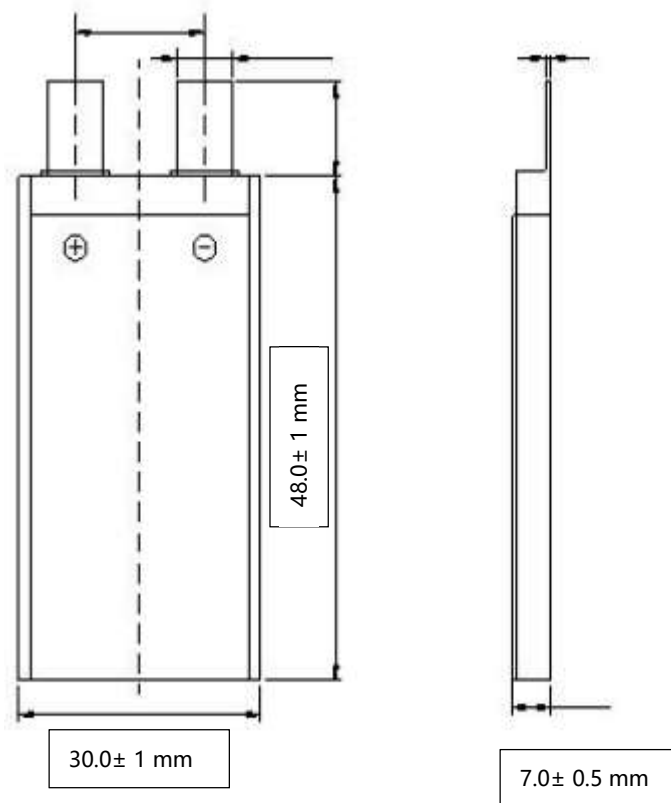
Item	Specifications	Conditions
Nominal Voltage	7.4V±0.05V	0.2C Discharge
Charging	Method	CC-CV
	Voltage	12.6V±0.05V
Typ. Capacity	800 mAh	0.2C Discharge cut-off Voltage 6.0V after standard charge at 23±2°C
Maximum Charge Voltage	8.4V	4.2V/Cell
Configuration	2S1P	
Standard Charging Current	800 mAh (1.0C)	Constant Current 1.0C
Standard Discharging Current	800 mAh (1.0C)	Constant current 1.0C
Maximum Charging Current	1.600 mAh (2.0C)	Constant current 2.0C
Max. Constant Discharge Current	16 AH (20.0C)	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		
Weight	52 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 6.0V cut-off , Testing temperature is 23±2°C. Cycle Life ≥300 cycles	

Model: Power-Xtra PX800XXL2S -2S1P- 7.4V 800 mAh Li-Polymer Battery -20C

Stock Code: 900.869.503.203

Cell Dimension

Item	Description	Dimension
T	Cell Tab Thickness	7.0± 0.5 mm
W	Cell Tab Width	30.0± 1 mm
L	Cell Tab Length	48.0± 1 mm
CL	Cable Length Length	-
P	Connector Model	-



Model: Power-Xtra PX800XXL2S -2S1P- 7.4V 800 mAh Li-Polymer Battery -20C
Stock Code: 900.869.503.203

Battery Pack Dimension

Item	Description	Dimension
T	Cell Tab Thickness	17.2± 1.0 mm
W	Cell Tab Width	31.5± 1.0 mm
L	Cell Tab Length	55.5± 1 mm
C1	Connector Model	JST-SYP-2P
C1-L	Cable Length Length	80.0±3 mm (UL3239 20# AWG)
C2	Connector Model	JST-XHP-3P
C2-L	Cable Length Length	30.0±3 mm (UL3239 24# AWG)

Technical Drawing

