

Model: Power-Xtra PX1000XL2S - 2S1P - 7.4V 1000 mAh Li-Polymer Battery -20C

Stock Code: 900.869.503.295

TECHNICAL INFORMATIONS

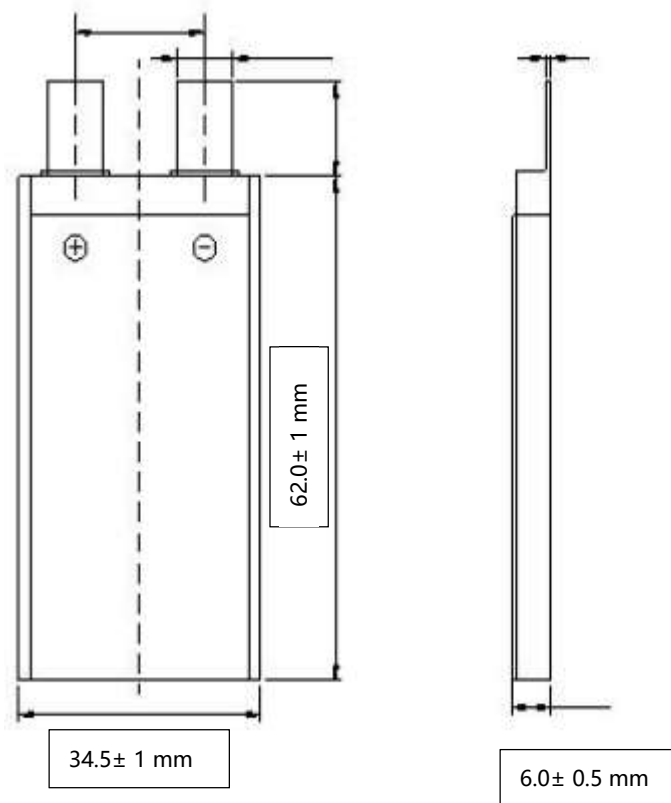
Item	Specifications	Conditions
Nominal Voltage	7.4V±0.05V	0.2C Discharge
Charging	Method	CC-CV
	Voltage	12.6V±0.05V
Typ. Capacity	1.000 mAh	0.2C Discharge cut-off Voltage 6.0V after standard charge at 23±2°C
Maximum Charge Voltage	8.4V	4.2V/Cell
Configuration	2S1P	
Standard Charging Current	1.000 mAh (1.0C)	Constant Current 1.0C
Standard Discharging Current	1.000 mAh (1.0C)	Constant current 1.0C
Maximum Charging Current	2.000 mAh (2.0C)	Constant current 2.0C
Max. Constant Discharge Current	20 AH (20.0C)	Ref.Temperature:10~50°C
Max. Burst Discharge Current	40 AH (40.0C)	≤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	78 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	

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Cell Dimension

Item	Description	Dimension
T	Cell Tab Thickness	6.0± 0.5 mm
W	Cell Tab Width	34.5± 1 mm
L	Cell Tab Length	62.0± 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	36.0± 1.0 mm
L	Cell Tab Length	71.5± 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

