

Model: Power-Xtra PX600HP -1S1P- 3.7V 600 mAh Li-Polymer Battery -20C

Stock Code: 900.869.503.145

TECHNICAL INFORMATIONS

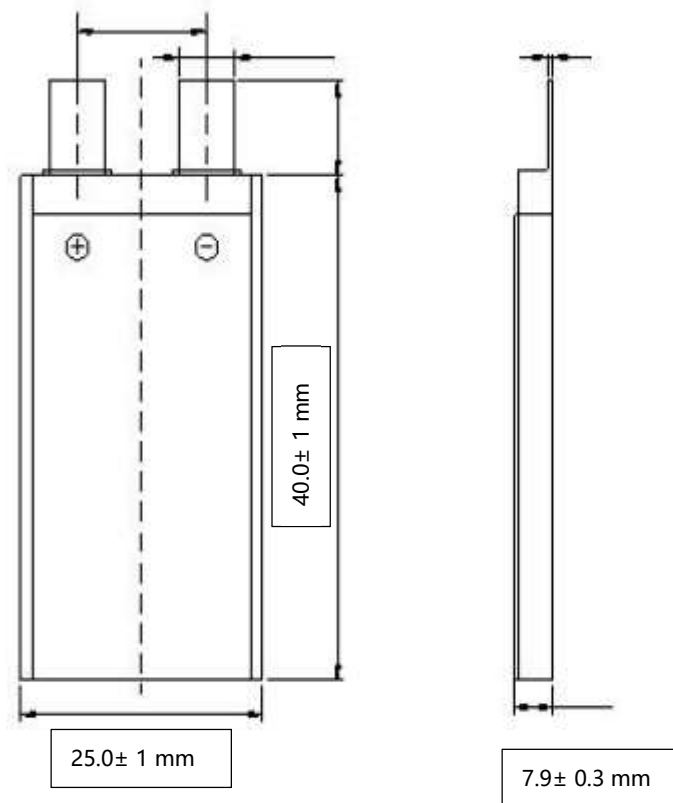
Item	Specifications	Conditions
Nominal Voltage	3.7V±0.05V	0.2C Discharge
Charging	Method	CC-CV
	Voltage	4.2V±0.05V
Typ. Capacity	660 mAh	0.2C Discharge cut-off Voltage 3.0V after standard charge at 23±2°C
Maximum Charge Voltage	4.2V	4.2V/Cell
Configuration	1S1P	
Standard Charging Current	660 mAh (1.0C)	Constant Current 1.0C
Standard Discharging Current	660 mAh (1.0C)	Constant current 1.0C
Max. Charging Current	1.320 mAh (2.0C)	
Max. Constant Discharge Current	13.2 AH (20.0C)	Ref.Temperature:10~50°C
Max. Burst Discharge Current	26.4 AH (40.0C)	≤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	19.5 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	7.9± 0.3 mm
W	Cell Tab Width	25.0± 1 mm
L	Cell Tab Length	40.0± 1 mm
CL	Cable Length Length	-
P	Connector Model	-



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Battery Pack Dimension

Item	Description	Dimension
T	Cell Tab Thickness	8.5± 0.5 mm
W	Cell Tab Width	27.0± 1 mm
L	Cell Tab Length	45.0± 2 mm
CL	Cable Length Length	50.0 mm
P	Connector Model	JST-SYP-2P / 3239-20AWG

Technical Drawing

