

Model: Power-Xtra PX420XL1S - 1S1P - 3.7V 420 mAh Li-Polymer Battery -25C

Stock Code: 900.869.503.302

TECHNICAL INFORMATIONS

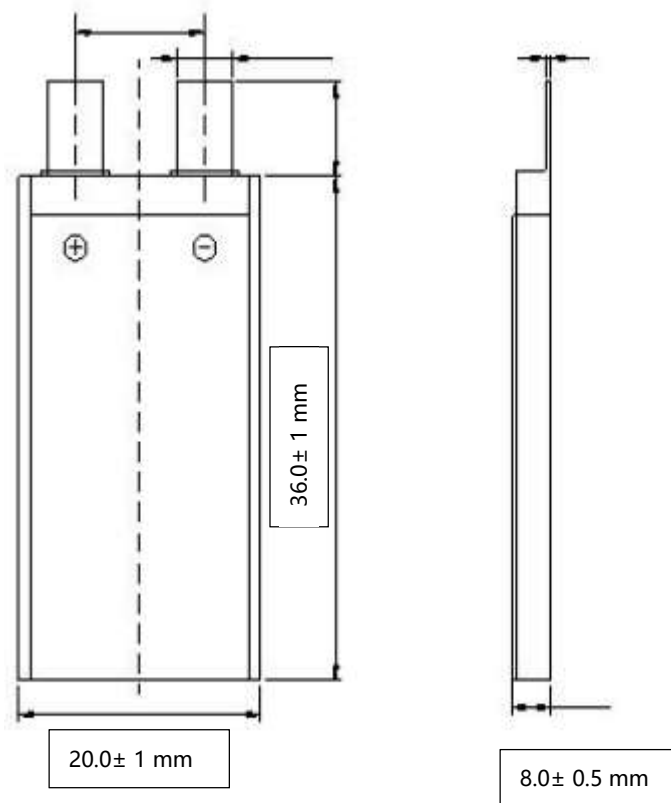
Item	Specifications	Conditions
Nominal Voltage	3.7V±0.05V	0.2C Discharge
Charging	Method	CC-CV
	Voltage	12.6V±0.05V
Typ. Capacity	420 mAh	0.2C Discharge cut-off Voltage 3.0V after standard charge at 23±2°C
Maximum Charge Voltage	4.2V	4.2V/Cell
Configuration	1S1P	
Standard Charging Current	420 mAh (1.0C)	Constant Current 1.0C
Standard Discharging Current	420 mAh (1.0C)	Constant current 1.0C
Max. Constant Discharge Current	10.5 AH (25C)	Ref.Temperature:10~50°C
Max. Burst Discharge Current	12.6 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	13.6 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	8.0± 0.5 mm
W	Cell Tab Width	20.5± 1 mm
L	Cell Tab Length	36.0± 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	21.4± 1.0 mm
L	Cell Tab Length	42.0± 1 mm
CL	Cable Length Length	30±3 mm (UL3239 24# AWG)
P	Connector Model	Molex 51005-2P

Technical Drawing

