

Model: Power-Xtra PX1600XT - 4S1P - 14.8V 1600 mAh Li-Polymer Battery -70C

Stock Code: 900.869.503.156

TECHNICAL INFORMATIONS

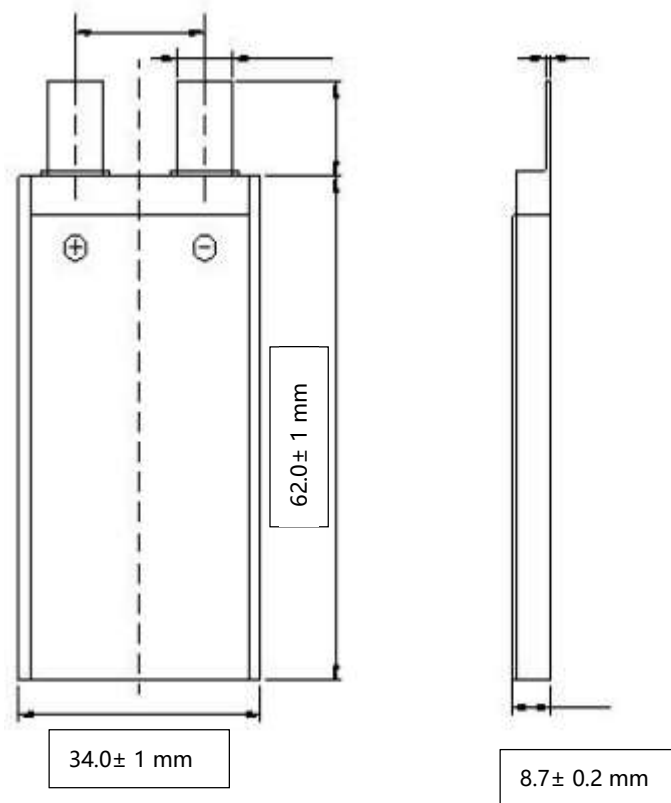
Item	Specifications	Conditions
Nominal Voltage	14.8V±0.05V	0.2C Discharge
Charging	Method	CC-CV
	Voltage	16.8V±0.05V
Typ. Capacity	1.600 mAh	0.2C Discharge cut-off Voltage 12.0V after standard charge at 23±2°C
Maximum Charge Voltage	16.8V	4.2V/Cell
Configuration	4S1P	
Standard Charging Current	1.600 mAh (1.0C)	Constant Current 1.0C
Standard Discharging Current	1.600 mAh (1.0C)	Constant current 1.0C
Maximum Charging Current	3.200 mAh (2.0C)	Constant current 2.0C
Max. Constant Discharge Current	112 AH (70.0C)	Ref.Temperature:10~50°C
Max. Burst Discharge Current	192 AH (120.0C)	≤3S
Discharge Cut-Off Voltage	12.0V	
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	195 gr ± 5 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 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	8.7 ± 0.2 mm
W	Cell Tab Width	34.0 ± 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	35.0± 1.0 mm
W	Cell Tab Width	45.0± 1.0 mm
L	Cell Tab Length	66.5± 1 mm
CL	Cable Length Length	80.0±3 mm (UL3239 14# AWG)
P	Connector Model	XT60

Technical Drawing

