

Model: Power-Xtra PX2000HP - 2S1P - 7.4V 2000 mAh Li-Polymer Battery -30C

Stock Code: 900.869.503.148

TECHNICAL INFORMATIONS

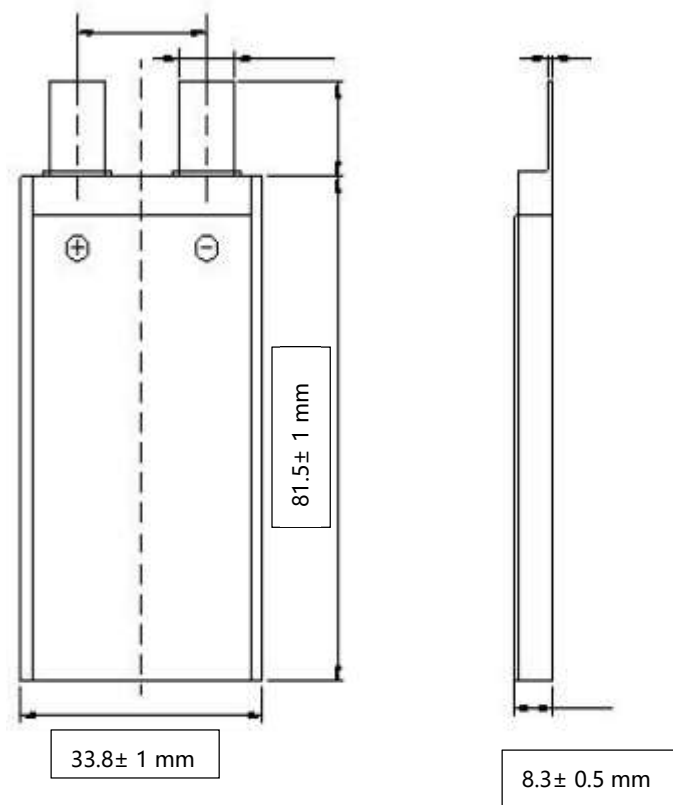
Item	Specifications	Conditions
Nominal Voltage	7.4V \pm 0.05V	0.2C Discharge
Charging	Method	CC-CV
	Voltage	8.4V \pm 0.05V
Typ. Capacity	2.000 mAh	0.2C Discharge cut-off Voltage 6.0V after standard charge at 23 \pm 2°C
Maximum Charge Voltage	8.4V	4.2V/Cell
Configuration	2S1P	
Standard Charging Current	2.000 mAh (1.0C)	Constant Current 1.0C
Standard Discharging Current	2.000 mAh (1.0C)	Constant current 1.0C
Max. Constant Charge Current	4.000 mAh (2.0C)	Constant current 2.0C
Max. Constant Discharge Current	60 AH (30.0C)	Ref.Temperature:10~50°C
Max. Burst Discharge Current	120 AH (60.0C)	\leq 3S - 60C
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	95 gr	approximately
Cycles Test	Measure the capacity under the following cycle conditions until the cycle life ends when the three discharge capacity \leq 80%, Cycle conditions: Standard Charge, rest for 30min;Discharge at 1.0C to 9V cut-off, Testing temperature is 23 \pm 2°C. Cycle Life \geq 500 cycles	

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Cell Dimension

Item	Description	Dimension
T	Cell Tab Thickness	8.3 ± 0.5 mm
W	Cell Tab Width	33.8 ± 1 mm
L	Cell Tab Length	81.5 ± 1 mm
CL	Cable Length Length	-
P	Connector Model	-



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Battery Pack Dimension

Item	Description	Dimension
T	Cell Tab Thickness	18.0± 1.0 mm
W	Cell Tab Width	35.0± 1.0 mm
L	Cell Tab Length	86.0± 1 mm
CL	Cable Length Length	100±3 mm (UL3239 14# AWG)
P	Connector Model	JST-XHP-3P / 3239-22 AWG - 30+10/-5mm

Technical Drawing

