

Model: Power-Xtra PX5000WB 7.4V 2S1P 4000 mAh (45C) Li-Polymer Battery

Stock Code: 900.869.503.152

TECHNICAL INFORMATION

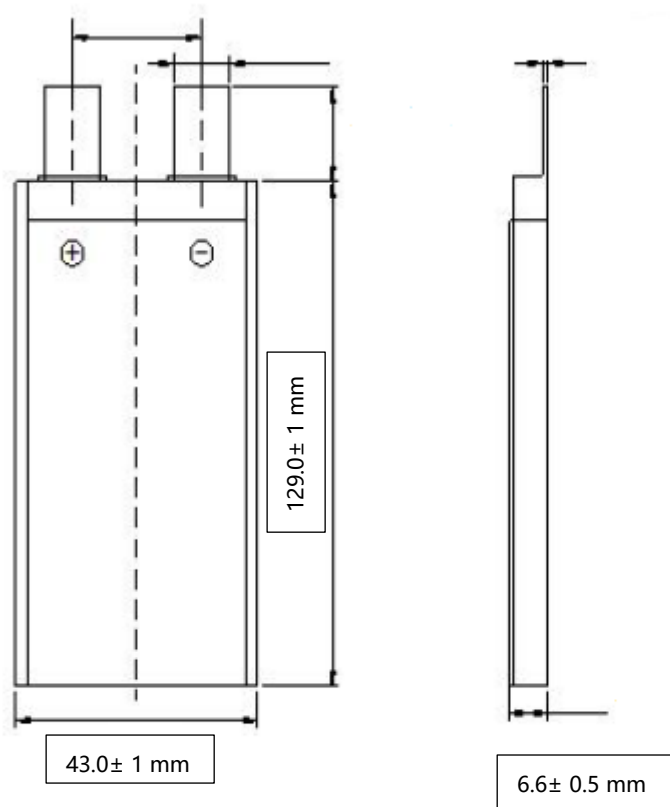
Item	Specifications	Conditions
Nominal Voltage	7.4V $\pm$ 0.05V	0.2C Discharge
Charging	Method	CC-CV
	Voltage	8.4V $\pm$ 0.05V
Typ. Capacity	4.000 mAh	0.2C Discharge cut-off Voltage 9.0V after standard charge at 23 $\pm$ 2°C
Maximum Charge Voltage	8.4V	4.2V/Cell
Configuration	2S1P	
Standard Charging Current	4.000 mA (1.0C)	Constant Current 1.0C
Standard Discharging Current	4.000 mA (1.0C)	Constant current 1.0C
Max. Constant Discharge Current	80 AH (20.0C)	Ref.Temperature:10~50°C
Max. Burst Discharge Current	180 AH (45.0C)	$\leq$ 3S – 45C
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
		Recommended storage temperature: 25 $\pm$ 2°C, at the shipment state
Weight	200 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$300 cycles	

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Cell Dimension

Item	Description	Dimension
T	Cell Tab Thickness	6.6 ± 0.5 mm
W	Cell Tab Width	43.0 ± 1 mm
L	Cell Tab Length	129.0 ± 1 mm
CL	Cable Length Length	-
P	Connector Model	-



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Battery Pack Dimension

Item	Description	Dimension
T	Cell Tab Thickness	23.0± 1.0 mm
W	Cell Tab Width	47.0± 1.0 mm
L	Cell Tab Length	139.0± 1 mm
CL	Cable Length Length	110±3 mm (UL3239 14# AWG)
P	Connector Model	JST-XHP-3P / 3239-22 AWG - 30+10/-5mm

Technical Drawing

