

Model: Power-Xtra PX1520100 -3S1P- 11.1V 1000 mAh Li-Polymer Battery -20C

Stock Code: 900.869.503.196

TECHNICAL INFORMATION

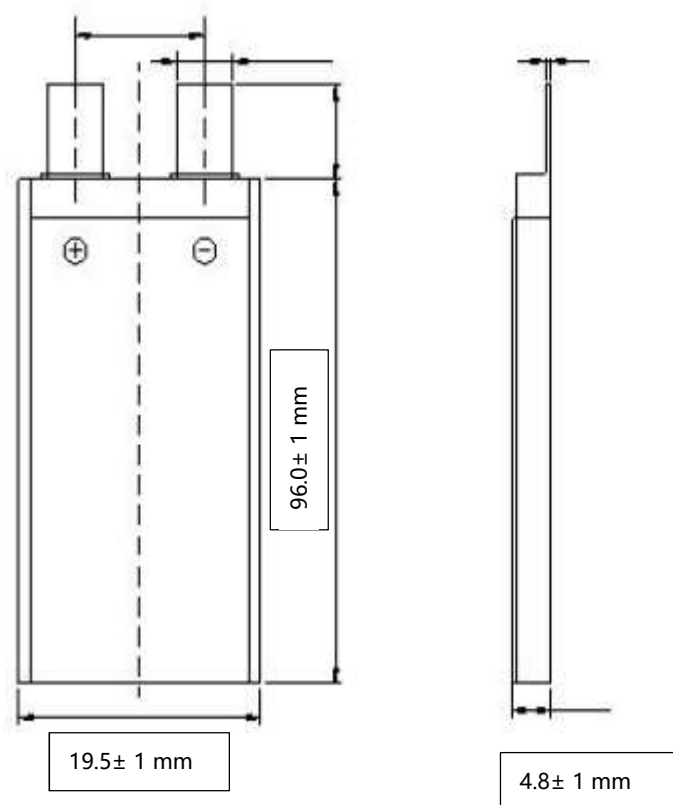
Item	Specifications	Conditions
Nominal Voltage	11.1V±0.05V	0.2C Discharge
Charging	Method	CC-CV
	Voltage	12.6V±0.05V
Typ. Capacity	800 mAh	0.2C Discharge cut-off Voltage 9.0V after standard charge at 23±2°C
Maximum Charge Voltage	12.6V	4.2V/Cell
Configuration	3S1P	
Standard Charging Current	800 mA (1.0C)	Constant Current 1.0C
Standard Discharging Current	800 mA (1.0C)	Constant current 1.0C
Max. Constant Charge Current	1600 mA (2C)	Ref.Temperature:10~50°C
Max. Burst Discharge Current	12 AH (15C)	Ambient temperature: 25±5°C
Discharge Cut-Off Voltage	9.0V	
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	62 gr	approximately
Cycles Test	Temperature: 25±5°C Charge: CC-CV, 1.6A(2C),12.6V, 0.03CmA cutoff; Discharge: CC, 12A, 9.9V cut-off; Discharge capacity should be no less than 80% of initial capacity. Cycle Life≥100 cycles	

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Cell Dimension

Item	Description	Dimension
T	Cell Tab Thickness	4.8 ± 1 mm
W	Cell Tab Width	19.5 ± 1 mm
L	Cell Tab Length	96.0 ± 1 mm
CL	Cable Length Length	-
P	Connector Model	-



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Battery Pack Dimension

Item	Description	Dimension
T	Cell Tab Thickness	16.0± 1.0 mm
W	Cell Tab Width	20.5± 1.0 mm
L	Cell Tab Length	103.0± 1 mm
CL	Cable Length Length	80±5 mm (22AWG)
P	Connector Model	JST-XHR-3P

Technical Drawing

