

Model: Power-Xtra PX5000XT3S - 3S1P - 11.1V 5000 mAh Li-Po Battery -70C

Stock Code: 900.869.503.321

TECHNICAL INFORMATION

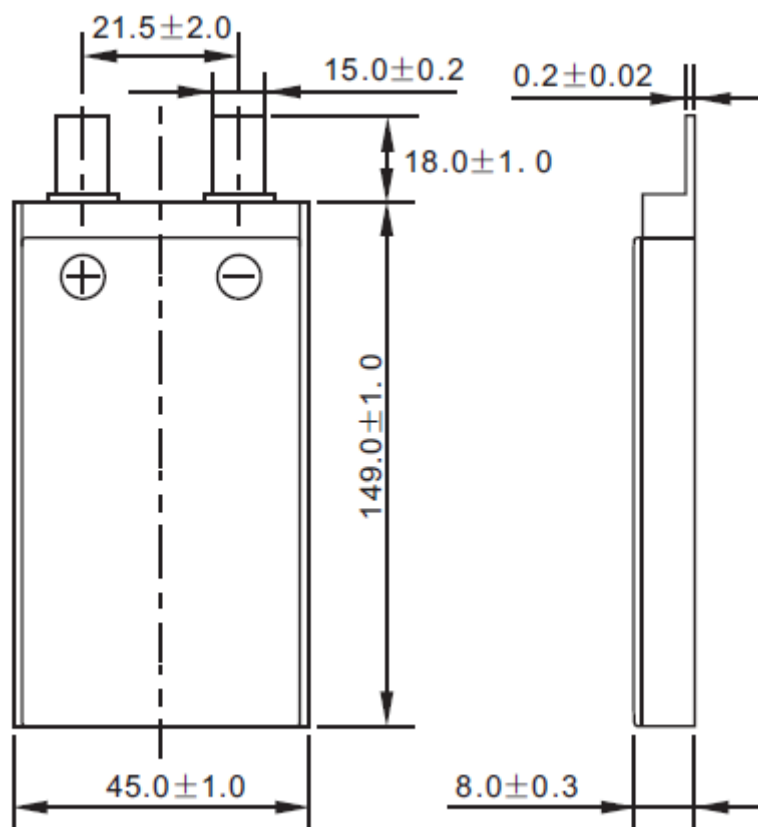
Item	Specifications	Conditions
Nominal Voltage	11.1V±0.05V	0.2C Discharge
Charging	Method	CC-CV
	Voltage	12.6V±0.05V
Typ. Capacity	5000mAh	0.2C Discharge cut-off Voltage 9.0V after standard charge at 23±2°C
Maximum Charge Voltage	12.6V	4.2V/Cell
Configuration	3S1P	
Standard Charging Current	5000mA (1.0C)	Constant Current 1.0C
Standard Discharging Current	10000mA (1.0C)	Constant current 1.0C
Max. Charging Current	10000 mA (2.0C)	
Max. Constant Discharge Current	350.0A (70C)	Ref.Temperature:10~50°C
Max. Burst Discharge Current	600.0A (120.0C)	120C (≤3S)
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	425 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	8.0 ± 0.3 mm
W	Cell Tab Width	45 ± 1 mm
L	Cell Tab Length	149.0 ± 1 mm
CL	Cable Length Length	-
P	Connector Model	-



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Battery Pack Dimension

Item	Description	Dimension
T	Cell Tab Thickness	28.0± 1.0 mm
W	Cell Tab Width	47.5± 1.0 mm
L	Cell Tab Length	158.0± 1 mm
CL	Cable Length Length	120.0 mm
P	Connector Model	3239-8AWG

Technical Drawing

