

Model: Power-Xtra PX1800XT4S - 4S1P - 14.8V 1800 mAh Li-Po Battery -80C

Stock Code: 900.869.503.318

TECHNICAL INFORMATION

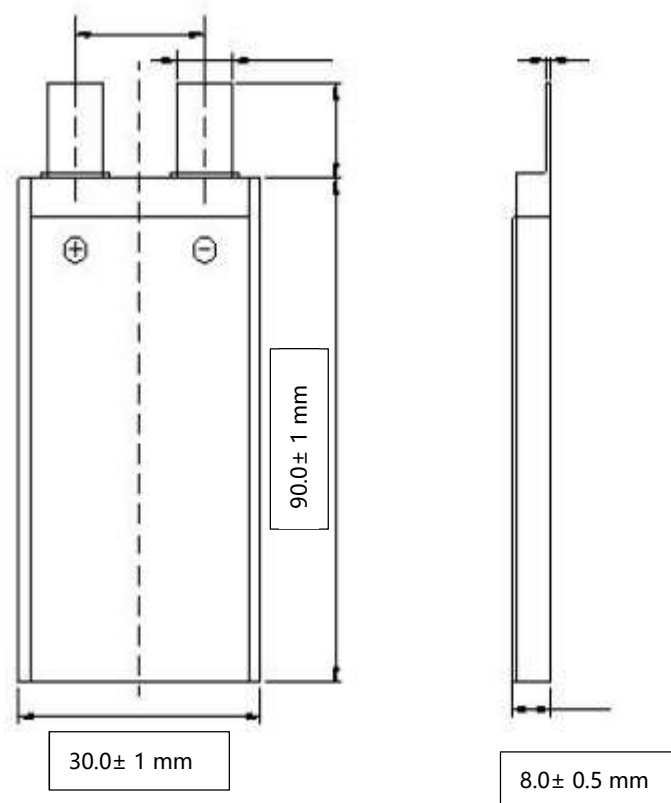
Item	Specifications	Conditions
Nominal Voltage	14.8V±0.05V	0.2C Discharge
Charging	Method	CC-CV
	Voltage	16.8V±0.05V
Typ. Capacity	1.800 mAh	0.2C Discharge cut-off Voltage 12.0V after standard charge at 23±2°C
Maximum Charge Voltage	16.8V	4.2V/Cell
Configuration	4S1P	
Standard Charging Current	1.800 mA (1.0C)	Constant Current 1.0C
Standard Discharging Current	1.800 mA (1.0C)	Constant current 1.0C
Maximum Charging Current	3.600 mA (2.0C)	Constant current 2.0C
Max. Constant Discharge Current	144 AH (80.0C)	Ref.Temperature:10~50°C
Max. Burst Discharge Current	252 AH (140.0C)	≤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	216 gr ± 5 gr	approximately
Cycles Test	Measure capacity under the cycle conditions described below, until the discharge capacity ≤80%(1C) for three times. Cycle conditions: Standard Charge (CC-CV, 2200mA, 16.8V) , Rest for 30min;Discharge at 1C to 12.0V cut-off. Testing temperature is 23±2°C Cycle Life≥300 cycles	

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Cell Dimension

Item	Description	Dimension
T	Cell Tab Thickness	8.0± 0.5 mm
W	Cell Tab Width	30.0± 1 mm
L	Cell Tab Length	90.0± 1 mm
CL	Cable Length Length	-
P	Connector Model	-



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Battery Pack Dimension

Item	Description	Dimension
T	Cell Tab Thickness	34.8± 1.0 mm
W	Cell Tab Width	32.5± 1.0 mm
L	Cell Tab Length	103.0± 1 mm
CL	Cable Length Length	100.0±3 mm (UL3239 14# AWG)
P	Connector Model	XT60

Technical Drawing

