

Model: Power-Xtra PX6250HP6S - 6S1P - 22.2V 6250 mAh Li-Po Battery -30C

Stock Code: 900.869.503.162

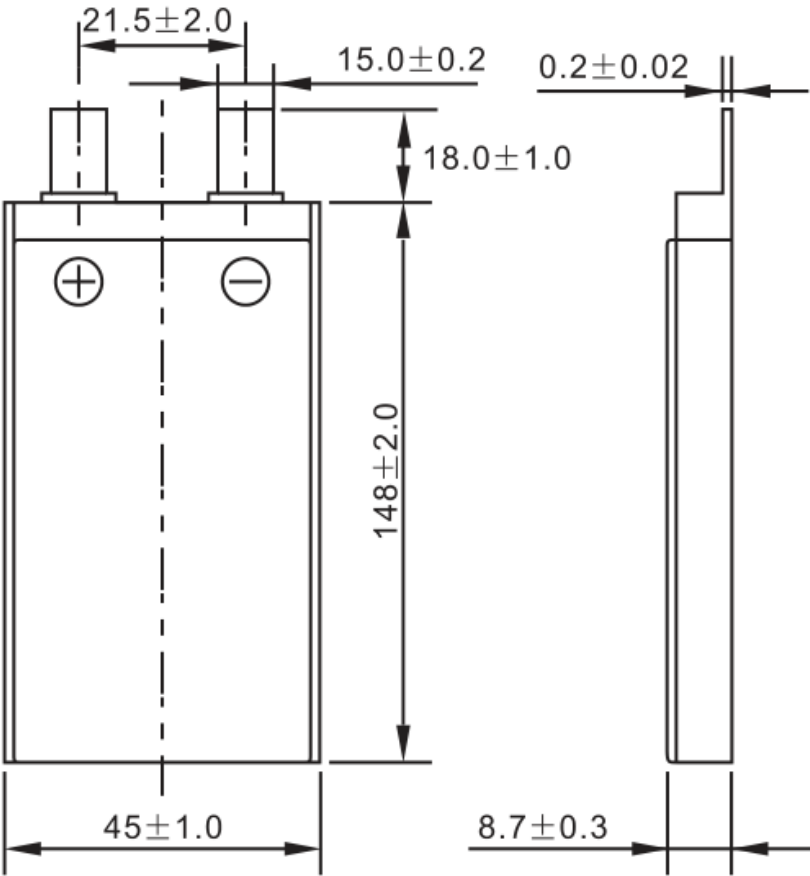
TECHNICAL INFORMATION

Item	Specifications	Conditions
Nominal Voltage	22.2V±0.05V	0.2C Discharge
Charging	Method	CC-CV
	Voltage	25.2V±0.05V
Typ. Capacity	6250 mAh	0.2C Discharge cut-off Voltage 18.0V after standard charge at 23±2°C
Maximum Charge Voltage	25.2V	4.2V/Cell
Configuration	6S1P	
Standard Charging Current	6250 mA (1.0C)	Constant Current 1.0C
Standard Discharging Current	6250 mA (1.0C)	Constant current 1.0C
Max. Charging Current	12500 mA (2.0C)	
Max. Constant Discharge Current	187.5A (30.0C)	Ref.Temperature:10~50°C
Max. Burst Discharge Current	375.0A (60.0C)	≤3S
Discharge Cut-Off Voltage	18.0V	
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	810 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 18V 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	8.7± 0.3 mm
W	Cell Tab Width	45.0± 1.0 mm
L	Cell Tab Length	148.0± 2.0 mm



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Battery Pack Dimension

Item	Description	Dimension
T	Cell Tab Thickness	54.8 mm
W	Cell Tab Width	47.5 mm
L	Cell Tab Length	160 mm
CL	Cable Length Length	140.0 mm
P	Connector Model	3239-8AWG

Technical Drawing

