

Model: Power-Xtra PX850XT3S - 3S1P - 11.1V 850 mAh Li-Polymer Battery -80C

Stock Code: 900.869.503.298

TECHNICAL INFORMATIONS

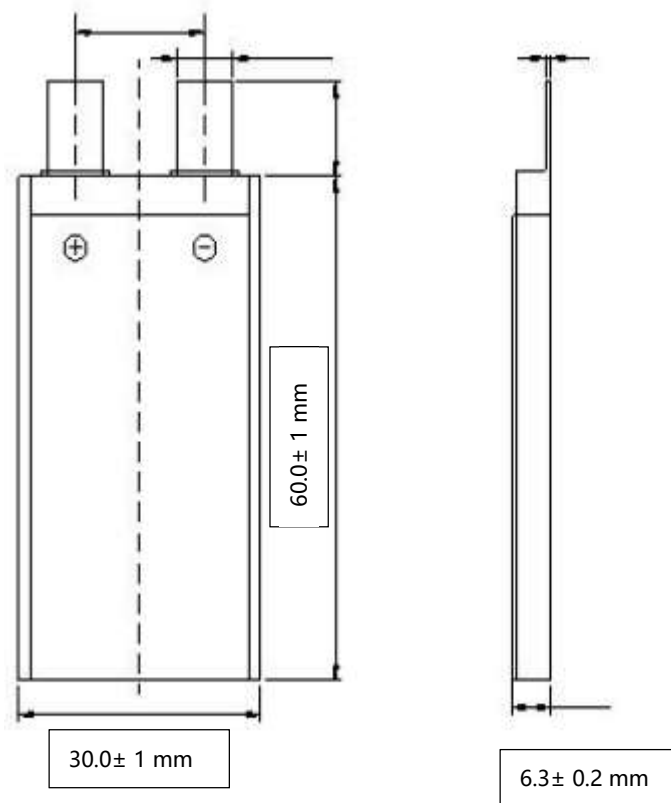
Item	Specifications	Conditions
Nominal Voltage	11.1V±0.05V	0.2C Discharge
Charging	Method	CC-CV
	Voltage	12.6V±0.05V
Typ. Capacity	850 mAh	0.2C Discharge cut-off Voltage 9.0V after standard charge at 23±2°C
Maximum Charge Voltage	12.6V	4.2V/Cell
Configuration	3S1P	
Standard Charging Current	850 mAh (1.0C)	Constant Current 1.0C
Standard Discharging Current	850 mAh (1.0C)	Constant current 1.0C
Maximum Charging Current	1.700 mAh (2.0C)	Constant current 2.0C
Max. Constant Discharge Current	68 AH (80.0C)	Ref.Temperature:10~50°C
Max. Burst Discharge Current	102 AH (120.0C)	≤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	99 gr	approximately
Cycles Test	Measure capacity under the cycle conditions described below, until the discharge capacity ≤80% for three times. Cycle conditions: Standard Charge (CC-CV, 33000mA, 12.6V) , Rest for 30min;Discharge with 1.0C, 9.0V cutting off. Testing temperature is 23±2°C. Cycle Life≥300 cycles	

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Cell Dimension

Item	Description	Dimension
T	Cell Tab Thickness	6.3± 0.2 mm
W	Cell Tab Width	30.0± 1 mm
L	Cell Tab Length	60.0± 1 mm
CL	Cable Length Length	-
P	Connector Model	-



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Battery Pack Dimension

Item	Description	Dimension
T	Cell Tab Thickness	20.9± 1.0 mm
W	Cell Tab Width	32.5± 1.0 mm
L	Cell Tab Length	69.5± 1 mm
C1	Connector Model	XT30
C1-L	Cable Length	80.0±3 mm (UL3239 16# AWG)
C2	Connector Model	JST-XHP-4P
C2-L	Cable Length	30.0±3 mm (UL3239 22# AWG)

Technical Drawing

