

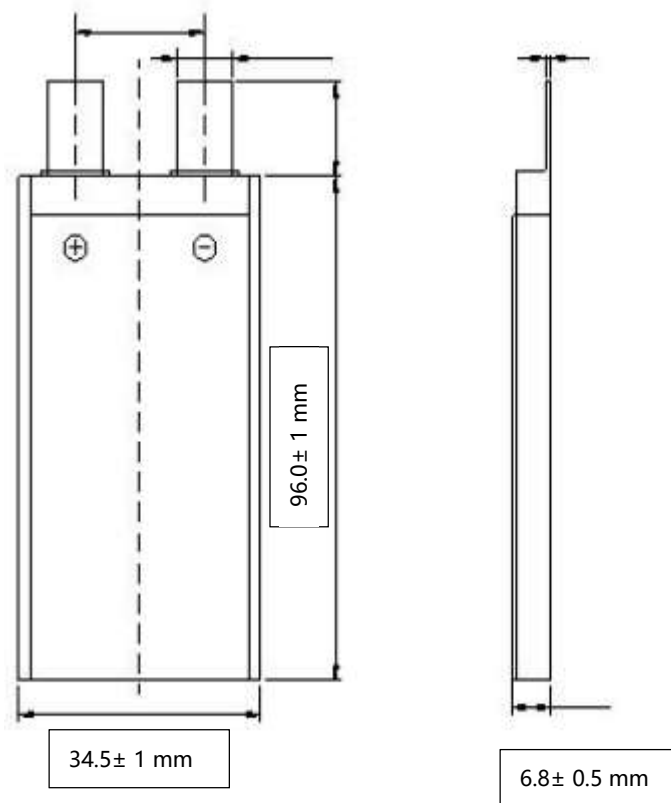


TECHNICAL INFORMATION

Item	Specifications	Conditions
Nominal Voltage	11.1V±0.05V	0.2C Discharge
Charging	Method	CC-CV
	Voltage	12.6V±0.05V
Typ. Capacity	2.200 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	2.200 mAh (1.0C)	Constant Current 1.0C
Standard Discharging Current	2.200 mAh (1.0C)	Constant current 1.0C
Maximum Charging Current	4.400 mAh (2.0C)	Constant current 2.0C
Max. Constant Discharge Current	44 AH (20.0C)	Ref.Temperature:10~50°C
Max. Burst Discharge Current	88 AH (40.0C)	≤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	175 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≥300 cycles	

Cell Dimension

Item	Description	Dimension
T	Cell Tab Thickness	6.8± 0.5 mm
W	Cell Tab Width	34.5± 1 mm
L	Cell Tab Length	96.0± 1 mm
CL	Cable Length Length	-
P	Connector Model	-



Battery Pack Dimension

Item	Description	Dimension
T	Cell Tab Thickness	24.5± 1.0 mm
W	Cell Tab Width	36.0± 1.0 mm
L	Cell Tab Length	107.5± 1 mm
CL	Cable Length Length	100±3 mm (UL3239 14# AWG)
P	Connector Model	JST-XHR-4F / 3239-22

Technical Drawing

