

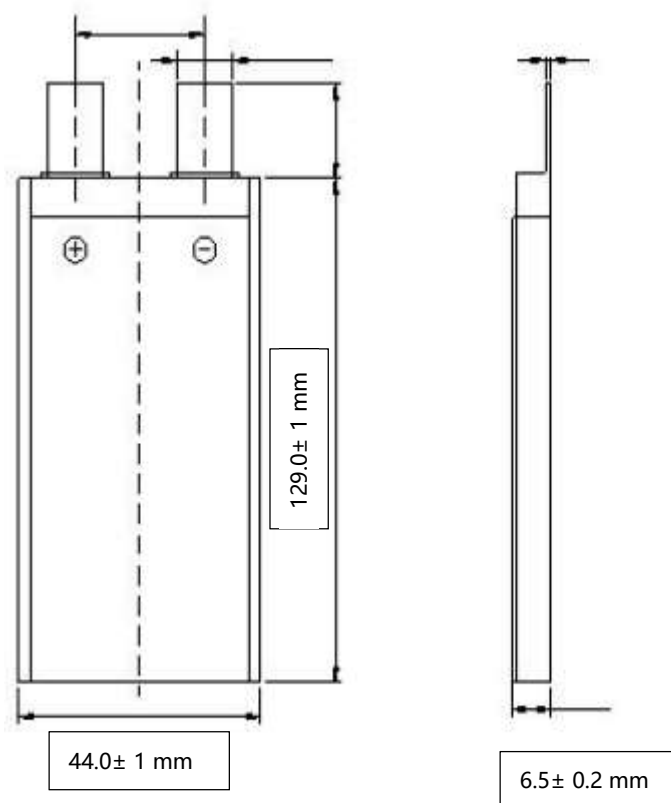


TECHNICAL INFORMATIONS

Item	Specifications	Conditions
Nominal Voltage	11.1V±0.05V	0.2C Discharge
Charging	Method	CC-CV
	Voltage	12.6V±0.05V
Typ. Capacity	3.700 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	3.700 mAh (1.0C)	Constant Current 1.0C
Standard Discharging Current	3.700 mAh (1.0C)	Constant current 1.0C
Maximum Charging Current	7.400 mAh (2.0C)	Constant current 2.0C
Max. Constant Discharge Current	111 AH (30.0C)	Ref.Temperature:10~50°C
Max. Burst Discharge Current	185 AH (50.0C)	≤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	287 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	

Cell Dimension

Item	Description	Dimension
T	Cell Tab Thickness	6.5 ± 0.2 mm
W	Cell Tab Width	44.0 ± 1 mm
L	Cell Tab Length	129.0 ± 1 mm
CL	Cable Length Length	-
P	Connector Model	-



Battery Pack Dimension

Item	Description	Dimension
T	Cell Tab Thickness	21.5± 1.0 mm
W	Cell Tab Width	45.3± 1.0 mm
L	Cell Tab Length	140.0± 1 mm
C1	Connector Model	XT90
C1-L	Cable Length	100.0±3 mm (UL3239 12# AWG)
C2	Connector Model	JST-XHP-4P
C2-L	Cable Length	50.0±3 mm (UL3239 22# AWG)

Technical Drawing

