

Model: Power-Xtra PX10000XL 22.2V 6S1P 10000 mAh (25C) Li-Polymer Battery

Stock Code: 900.869.503.165

TECHNICAL INFORMATION

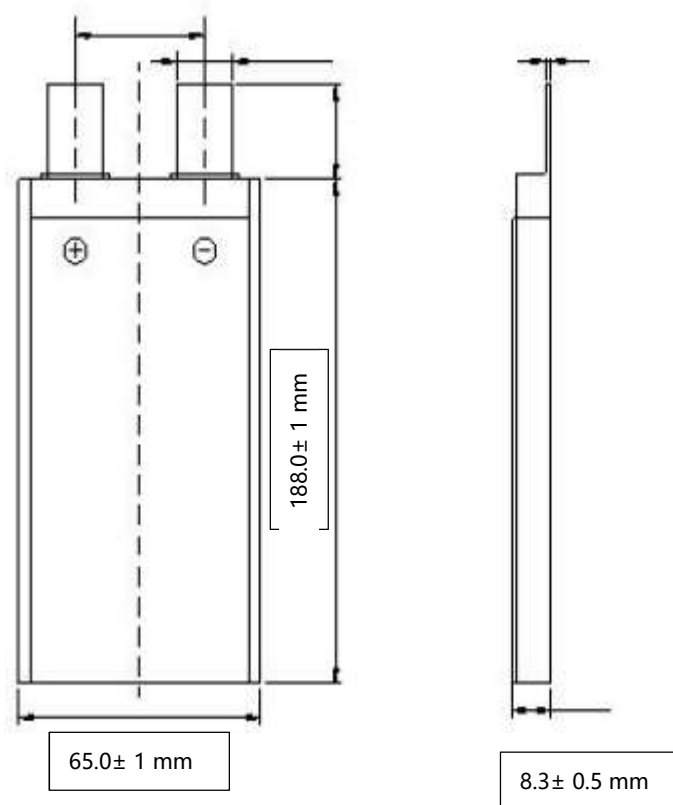
Item	Specifications	Conditions
Nominal Voltage	22.2V±0.05V	0.2C Discharge
Charging	Method	CC-CV
	Voltage	25.2V±0.05V
Typ. Capacity	10.000 mAh	0.5C Discharge cut-off Voltage 12.0V after standard charge at 23±2°C
Maximum Charge Voltage	16.8V	4.2V/Cell
Configuration	6S1P	
Standard Charging Current	5.000 mA (0.5C)	Constant Current 0.5C
Standard Discharging Current	10.000 mA (1.0C)	end voltage 18.0V,at25°C
Maximum Charging Current	10.000 mA (1.0C)	Constant current 1.0C
Max. Constant Discharge Current	250 AH (25.0C)	Ref.Temperature:10~50°C
Max. Burst Discharge Current	500 AH (50.0C)	≤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	1300 gr ± 5 gr	approximately
Cycles Test	Capacity≥9600mAh Charge: 0.5C CC/CV,25.2V,0.05C cut-off Discharge:1C CC18.0V cut-off Cycle Life≥500 cycles	

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Cell Dimension

Item	Description	Dimension
T	Cell Tab Thickness	8.3 ± 0.5 mm
W	Cell Tab Width	65.0 ± 1 mm
L	Cell Tab Length	188.0 ± 1 mm
CL	Cable Length Length	-
P	Connector Model	-



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Battery Pack Dimension

Item	Description	Dimension
T	Cell Tab Thickness	55.0± 1.0 mm
W	Cell Tab Width	70.0± 1.0 mm
L	Cell Tab Length	210.0± 1 mm
CL	Cable Length Length - Balance	22#JST-XHR-7P / Wire length:70±5mm
P	Connector Model	Wire length:100±5mm

Technical Drawing

