

**Model:** Power-Xtra PX603035 - 3.7V 600 mAh Li-Polymer Battery -BMS-1.5A

**Stock Code:** 900.869.503.305

## TECHNICAL INFORMATIONS

Item	Specifications	Conditions
Nominal Voltage	3.7±0.05V	0.2C Discharge
Charging	Method	CC-CV
	Voltage	4.20±0.05V
Typ. Capacity	600 mAh	0.2C discharge
Standard Charging Current	120 mAh (0.2C)	Constant current 0.2C end voltage 2.75V
Standard Discharging Current	120 mAh (0.2C)	Constant current 0.2C end voltage 4.2V
Max. Continuous Charge Current	600 mAh (1.0C)	
Max. Continuous Discharge Current	600 mAh (1.0C)	
Temperature	Charge	0 to +45°C
	Discharge	-20 to +60°C
	Storage	Less than 1 year: -20~25°C less than 3 months: -20~40°C
Weight	20 g	approximately
Cycles Test	Higher than 70% of the Initial Capacities of the Cells Carry out 500cycle Charging/Discharging in the below condition. ♦Charge: Standard Charge ♦Discharge:0.5C to 2.75 V ♦Rest Time between charge /discharge:30min. ♦Temperature:20±5°C	

## PCM PARAMETER PER BATTERY PACK

Item	Content	Criterion
Current	Maximum Charge / Discharge	1.5A
Over charge	Overcharge Det. Voltage	4.28±0.05V
Protection	Overcharge Rel. Voltage	4.10±0.05V
Over charge	Overdischarge Det. Voltage	2.40±0.10V
Protection	Overdischarge Rel. Voltage	3.00±0.1V

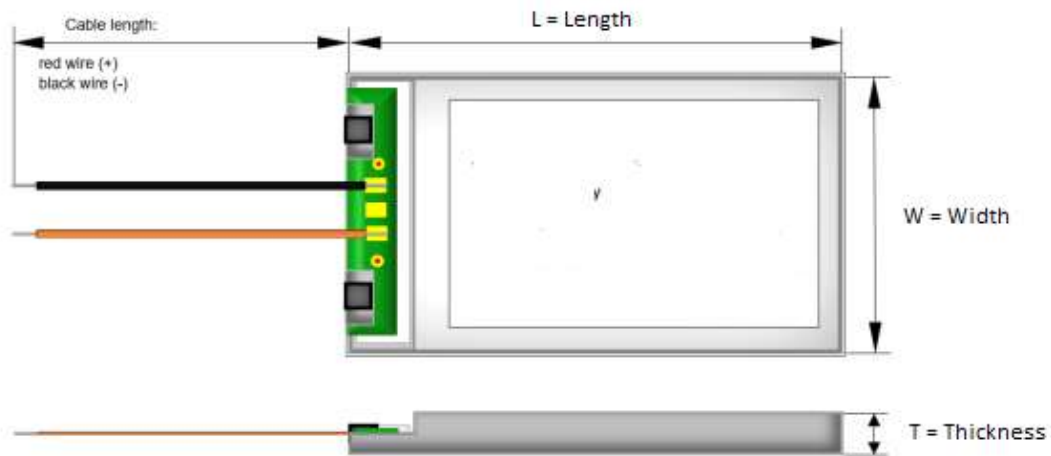
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## Dimension Details

Item	Description	Dimension
T	Cell Tab Thickness	$6.2 \pm 0.5$ mm
W	Cell Tab Width	$30 \pm 1$ mm
L	Cell Tab Length	$37 \pm 1$ mm
CL	Cable Length Length	$100 \pm 0.3$ mm
P	Connector Model	-

## Technical Drawing



## Image