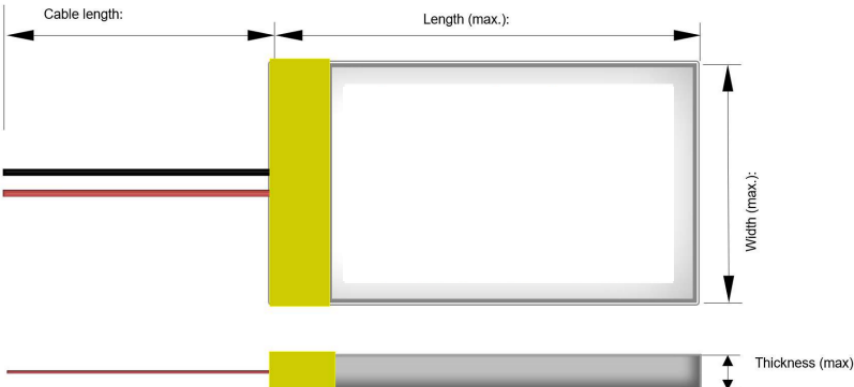


Model: PX505060 - 3.7V 2000 mAh Battery - BMS - Connector

Stock Code: 900.869.503.331

Item	Specifications		Conditions
Rated Capacity	Nominal	2000mAh	Standard Charge : 0.2C
	Minimum	1960mAh	Standard Discharge : 0.2C
Nominal Voltage	3.7V		
Voltage at the end of Discharge	3.0V		Discharge Cut-off Voltage
Charging Voltage	4.2V		
Internal Impedance	≤160mΩ		AAC 1KHZ after 50% charge
Standard Charge	Constant Current 0.2C Constant Voltage 4.2V		0.01 C cut off – 10 - 45°C
Standard Discharge	Constant current 0.2C end voltage 3.0V		-10 - 60°C
Fast charge	Constant Current 0.5C Constant Voltage 4.2V		0.01C cut off – 15 - 45°C
Fast discharge	Constant current 0.5C end voltage 3.0V		15 – 60 °C
Operation Temperature Range	Charge: 0~45°C		60±25%R.H.
Operation Temperature Range	Discharge: -10~60°C		60±25%R.H.
Storage Temperature Range	Less than 1 year: -20~25°C		60±25%R.H.
Storage Temperature Range Cycle Life	Less than 3 months: -20~40°C		60±25%R.H.
	500 Times		Charge with the constant current of 0.5C and constant voltage of 4.2V, cut off at 0.02C, and rest for 10min; discharge with 0.5C and cut off at 2.75V, and rest for 20min. Repeat cycling till discharge capacity in 2 successive cycles is lower than 80% of the initial capacity

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Item	Specifications	Representative Image
Thickness	5.2±0.5mm	 The image shows two views of the battery. The top view is a rectangle with a yellow tab on the left. Dimension lines indicate 'Cable length' for the tab, 'Length (max.)' for the main body, and 'Width (max.)' for the main body. The side view shows the 'Thickness (max.)' of the battery.
Width	50.0mm±1mm	
Length	62.0mm±1mm	
Cable Length	100±5mm	
Cable	UL1571 #2 6 AWG	
Connector Model	Molex51021-0200	