

Model: PX306575 3.7V 1500 mAh - with BMS

Stock Code: 900.869.503.098

Item	Specifications		Conditions
Rated Capacity	Nominal	1500mAh	Standard Charge : 0.2C
	Minimum	1470mAh	Standard Discharge : 0.2C
Nominal Voltage	3.7V		
Voltage at the end of Discharge	2.75V		Discharge Cut-off Voltage
Charging Voltage	4.2±0.03V		
Internal Impedance	≤200mΩ		AAC 1KHZ after 50% charge
Standard Charge	Constant Current 0.2C Constant Voltage 4.2V		0.01 C cut off
Standard Discharge	Constant current 0.2C end voltage 2.75V		-10 - 60°C
Fast charge	Constant Current 1C Constant Voltage 4.2V		0.01C cut off – 15 - 45°C
Fast discharge	Constant current 1.0C end voltage 2.75V		
Operation Temperature Range	Charge: 0~45°C		60±25%R.H.
	Discharge: -20~60°C		
Storage Temperature Range	Less than 1 year: -20~25°C		60±25%R.H.
	Less than 3 months: -20~40°C		
Cycle Life	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	3.0±0.5mm	The image shows a top-down and side view of the battery. The top-down 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	62.0mm±1mm	
Length	72.0mm±1mm	
Cable Length	100±5mm	
Cable	UL1007#24AWG Tin plating:2mm	