

Model: PX902540 3.7V 900 mAh - Connector

Stock Code: 900.869.503.265

Item	Specifications		Conditions
Rated Capacity	Nominal	900mAh	Standard discharge (0.2C) after standard charge
	Minimum	880mAh	
Nominal Voltage	3.7V		
Voltage at the end of Discharge	2.75V		Discharge Cut-off Voltage
Charging Voltage	4.2±0.03V		
Internal Impedance	≤180mΩ		Internal resistance measured at AC 1KHZ after 50% charge. The measure must uses the new batteries that within one week after shipment and cycles less than 5 times
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		
Fast charge	Constant Current 0.5C Constant Voltage 4.2V		0.01C cut off
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	9.2±0.5mm	<p>The image shows a top-down and side view of the connector. The top-down view is a rectangle with a yellow tab on the left. Dimensions are indicated: 'Cable length' for the tab, 'Length (max.)' for the main body, and 'Width (max.)' for the height. The side view shows the 'Thickness (max.)' of the pouch.</p>
Width	25.5mm±1mm	
Length	42.0mm±1mm	
Cable Length	60±5mm	
Cable	UL1007#26AWG (Tin Plating: 2mm)	