

Model: PX502030 - 3.7V 250 mAh – BMS – 10cm**Stock Code:** 900.869.503.091

Item	Specifications		Conditions
Rated Capacity	Nominal	250mAh	Standard Charge : 0.2C Standard Discharge : 0.2C
Nominal Voltage	3.7V±0.05V		0.2C Discharge
Voltage at the end of Discharge	3.0V		Discharge Cut-off Voltage
Charging Voltage	4.20±0.05V		CC-CV
Standard Charge Current	125 mAh (0.5C)		Constant current 0.5C / end voltage4.2V
Standard Discharge Current	50 mAh (0.2C)		Constant current 0.2C / end voltage2.75V
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		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

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Item	Specifications	Representative Image
Thickness	5.2±2mm	The image shows two views of the battery. The top view is a perspective drawing of the rectangular pouch cell 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 height. The bottom view is a side profile showing the 'Thickness (max.)' of the pouch. Two wires, one black and one red, are shown extending from the yellow tab in the top view.
Width	21.5mm±2mm	
Length	32.0mm±2mm	
Cable Length	100±0.3mm	