

Model: Power-Xtra PX503450 - 3.7V 900 mAh Li-Polymer Battery - BMS - Connector

Stock Code: 900.600.503.083

Item	Specifications		Conditions
Rated Capacity	Nominal	950 mAh	Standard Charge : 0.2C Standard Discharge : 0.2C
	Minimum	900 mAh	
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		3.7V AC 1KHz measured
Weight	20 gr		approximately
Standard Charge	180 mA		0.2C
Standard Discharge	180 mA		0.2C
Max. Continuous Charge Current	450 mA		0.5C
Max. Continuous Discharge Current	900 mA		1.0C
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

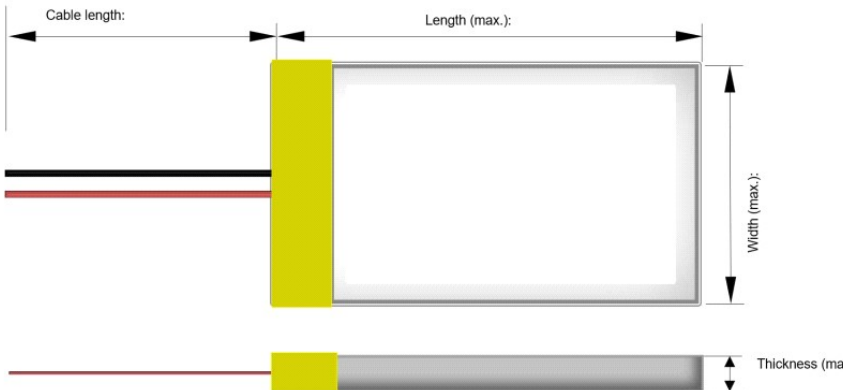
power-xtra

Lithium-ion - Pouch

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Item	Dimension
Thickness	5.2mm±1mm
Width	35.0mm±1mm
Length	52.0mm±1mm
Cable Length	100±3mm
Connector Model	UL1007#26AWG - JST-XHR-2P

Representative Image



Item	Specifications
Overcharge Detection Voltage	4.28V
Overcharge Release Voltage	4.10V
Overdischarge Decetion Voltage	2.40V
Overdischarge Rel. Voltage	3.00V
OverCurrent Detection Charge	1.5 A
OverCurrent detection Discharge	1.5 A

Image

