

POWER-XTRA

Model : Power-Xtra PX224248 3.0V 850 mAh Li-MnO2 Lithium Battery / Non-Rechargeable Ver: A0 NO: 900.869.503.220

PX-CP224248

Battery Spec

Model: PX-CP224248

Stock Code: _____

Cell Type: CP224248

Nominal Voltage: 3V

Capacity: 850mAh

Draft	Checking	Approved	Customer Confirmation
Dora			

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Revision	Date	Editor	Contents
A0	2019-04-29	Dora	Draft

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1. Product Specification

(Single cell)

No.	Item	General Parameter		Remark
1	Rated Capacity	Typical	850mAh	Nominal Capacity refer to the capacity of 10mA discharge to 2.0V cut-off voltage at 23°C.
		Minimum	833mAh	
2	Nominal Voltage	3.0V		When shipping, the voltage without load is between 3.05V and 3.25V.
3	Max. Discharge Current	100mA		At 25±2°C the battery can discharge at least the max continuous discharge value which rated capacity 50% can permit.
4	Max. Discharge Current	200mA		At 23±2°C, battery discharge duration for 3 seconds and stand 27 seconds, it can discharge at least the max pulse discharge value which rated capacity 50% can permit
5	Discharge Cut-off Voltage	2.0V		
6	Operating Temperature	-20°C~ +60°C		Exceed the operating temperature range could lead to battery operating voltage reduction or even a security risk.
7	storage temperature	-5 °C~+35°C		3.05V ~ 3.25V
8	Storage life	10 years		Relative humidity: 45~75%RH Temperature -5 °C~+35°C
9	Cell Weight	Approx: 7g		
10	Self-Discharge Rate	1%		Out of the recommended condition, the self-discharge rate 2% may increase.
11	Single cell	Length (L)	48.5±0.5mm	Initial Dimension
		Width (W)	45±0.5mm	
		Thickness (T)	2.2±0.1mm	

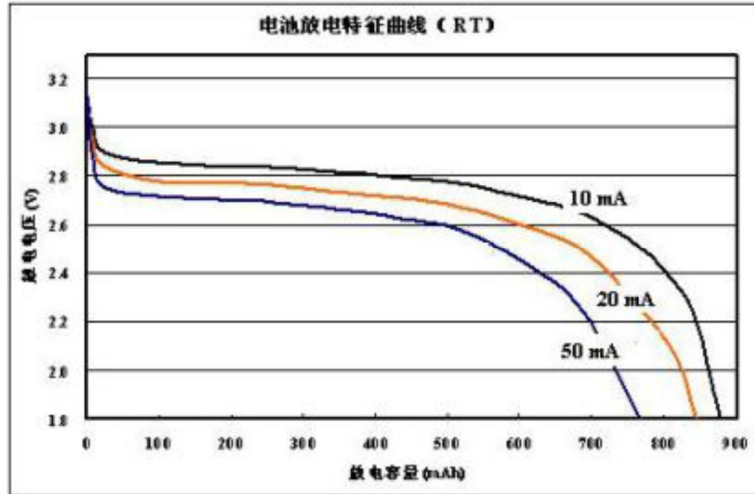
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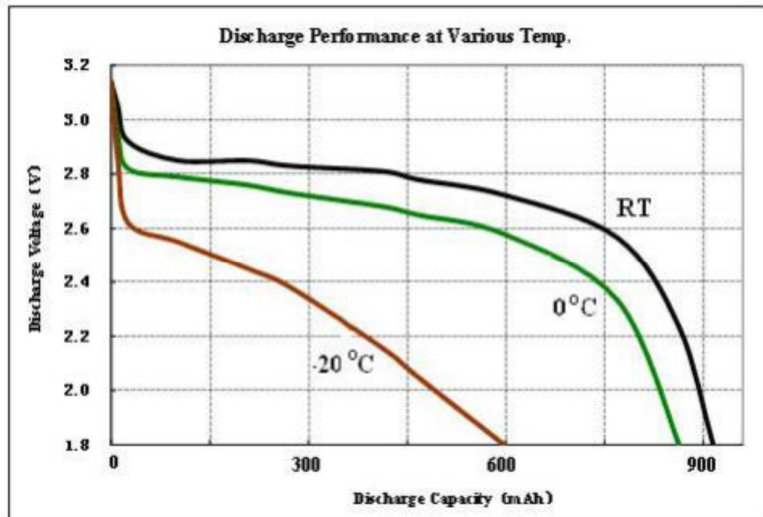
Different current discharge curve at 23°C

CP224248 23°C



Different temp discharge curve at 10 mA

CP224248 10 mA

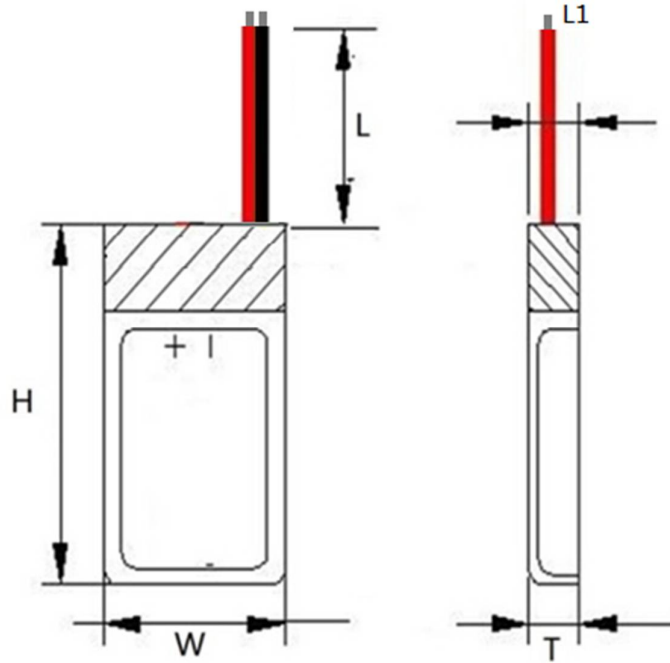


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2. Dimension



Dimensions (Units: mm)	Length Cable (L)	100±5mm
	Height (H)	49.0±1mm
	Width (W)	46.0±1mm
	Thickness (T)	2.2±0.5mm
	Tin plating	2mm
	Cable	UL1007#26AWG