

Dimensions	
	<p>Product Features:</p> <ol style="list-style-type: none"> 1. Safe and Environmentally Friendly 2. High Energy Density 3. Shelf-life:5 Years 4. Nominal Voltage:3.0V 5. Thickness:0.40~0.45mm 6. UN 1-8 Test Certified 7. UL Listed:UL1642 8. Flexible:ISO 7816 Certified

Technical Specifications and Performance

Model Number	CP042722F	
System	Lithium Polymer	
Positive	Manganese Dioxide	
negative	Metallic Lithium	
Main Applications	Active Smart Cards Electronic Tag, RFID Smart Cards	
Nominal Voltage	3.0 volts	
Nominal Capacity	12 mAh (cut off : 2.0V)	
Continuous Current (Max)	6.0mA	
Standard discharge current	0.3mA	
Operating Temperatures	-10℃ to 60℃	
Storage Temperatures	-20℃ to 40℃	
Dimension	Length	22.0mm
	Width	27.0mm
	Thickness	0.45mm
Weight,approx.	0.5 grams	
Capacity Retention (%)	>75, after 5 years storage at 23℃	
Anode Tab/Cathode Tab	Nickel 3.5×4.0×0.1	
Jacket	Flexible Aluminum Foil Packaging	

Fig.1. Discharge characteristics (at 23°C)

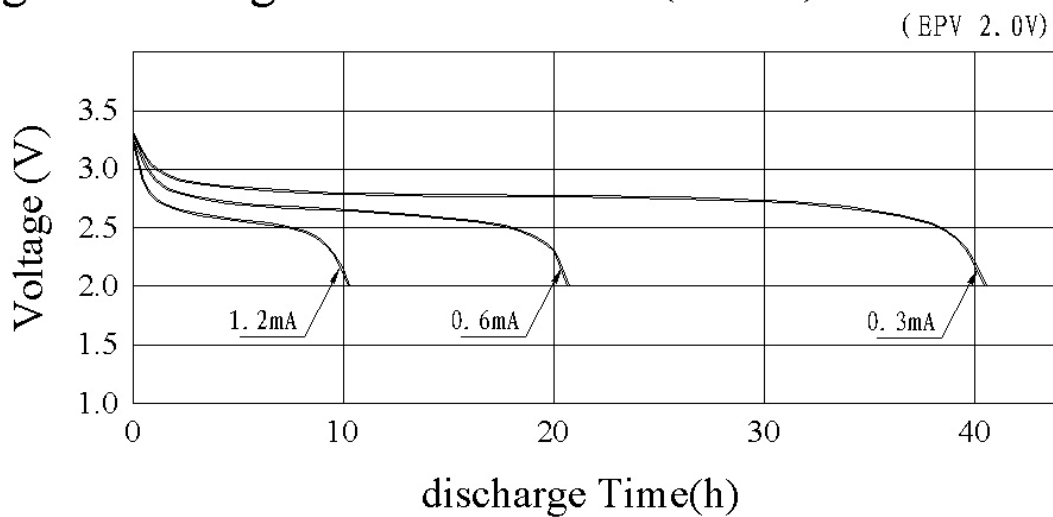


Fig.2. Temperature characteristics (at 0.3mA)

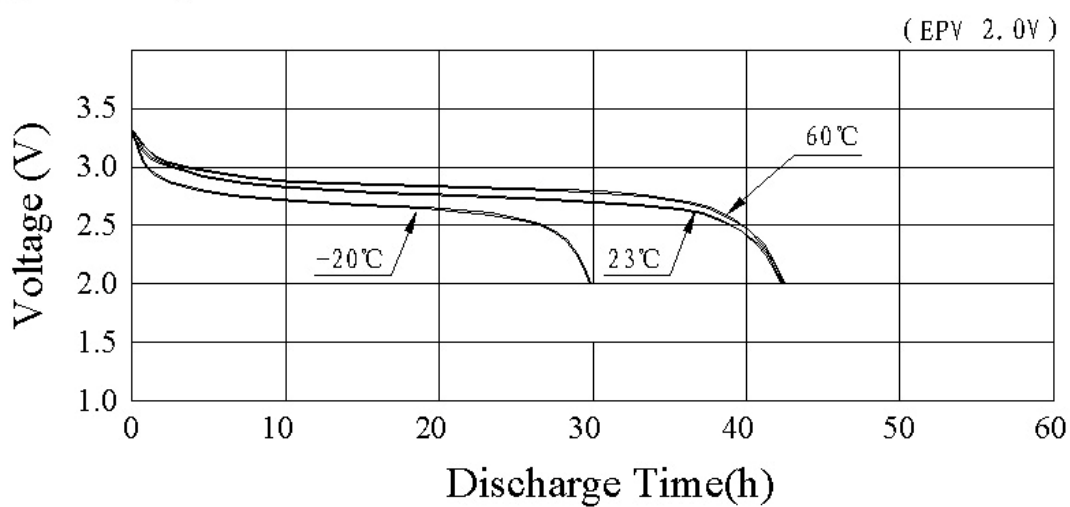


Fig.3.Load vs. Operating voltage

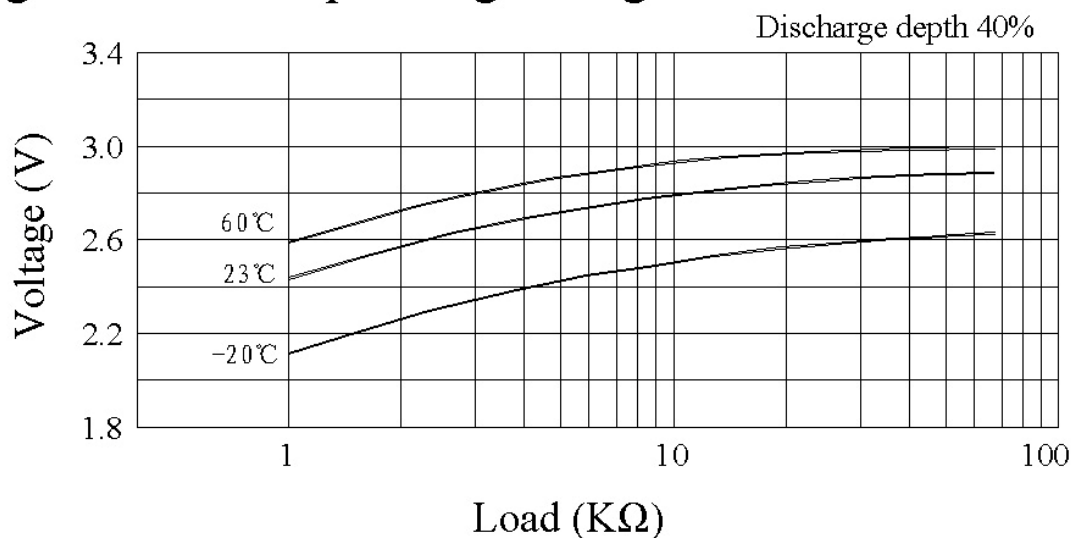


Fig.4.Load vs. Capacity

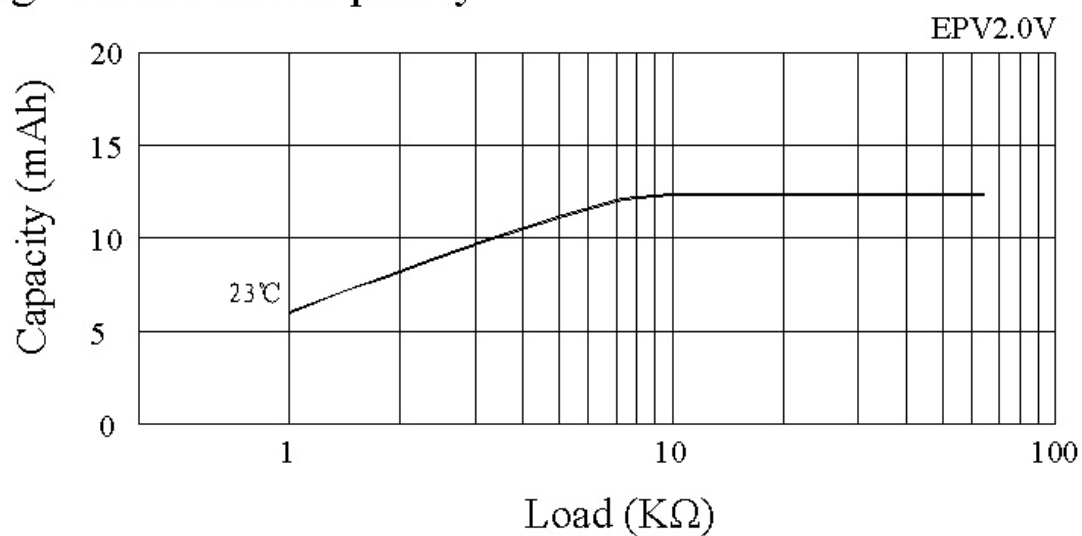
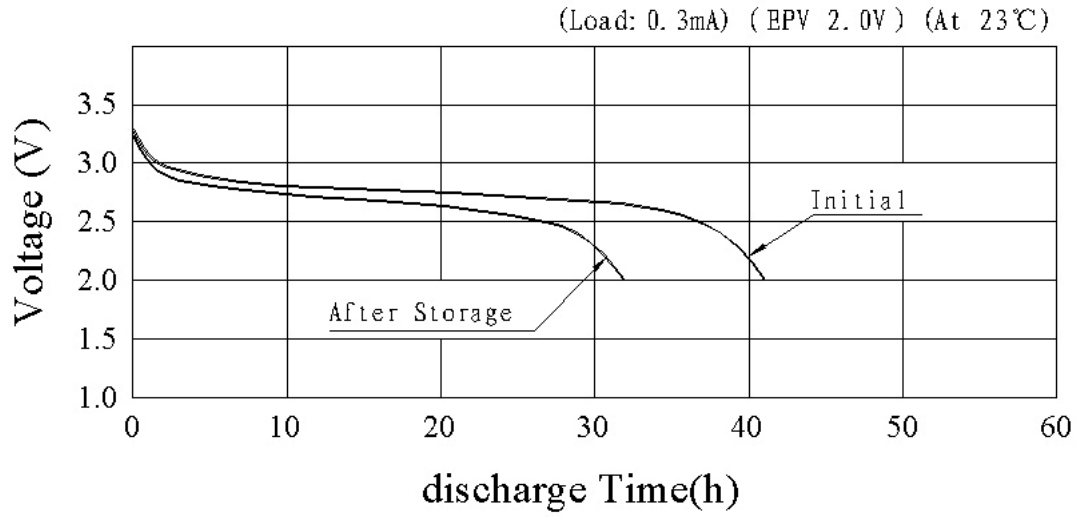


Fig.5.Storage characteristics



Storage at 60°C for 100 days equivalent to storage at room temperature for 5 Years