
**PHYSICAL CHARACTERISTICS**

Maximum Dimensions:	Diameter 23.0 mm +0/- 0.3
	Height 3.5 mm +0/- 0.3
Typical Weight:	4.3 grams (0.1517 oz.)
Typical Lithium Content:	0.078 grams (0.0027 oz.)

**SHELF CHARACTERISTICS**

Self Discharge per Year:	<2.5%
Shelf Life:	7 Years

**INTERNAL CONSTRUCTION**

Seal:	Polypropylene
Case Material:	Sus430+Ni Plated

**AGENCY TESTS**

UN Tests:	49CFR 173.185
UL Certification:	MH48152
RoHS Compliance:	Yes

**SHIPPING**

IATA Lithium Metal Cells and Batteries shipping requirements UN Manual of Tests and Criteria Part III Subsection 38.3 Compliant. For packaging details please reference UN3090 P1968 Section III. (United States: 49CFR 173.185)

**SAFETY**

Lithium batteries lodged in the esophagus should be removed immediately. Leakage, chemical burns and potential perforation can occur within hours of ingestion. Seek medical attention immediately. Have physician call the NATIONAL BATTERY INGESTION HOTLINE for advice and follow-up (202-625-3333) collect day or night.

**CLASSIFICATION**

Classification:	Primary Lithium Coin Cell
Chemical Classification:	Lithium Manganese Dioxide (LiMnO <sub>2</sub> )

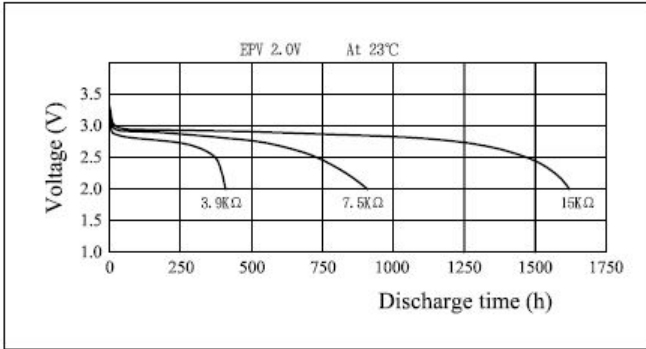
**ELECTRICAL CHARACTERISTICS**

Nominal Voltage:	3.0 Volts
Open Circuit Voltage:	3.0 - 3.4 Volts
Cut Off Voltage:	2.0 Volts
Typical Capacity:	300 mAh (to 2.0V)
	Rated at 15kΩ at 23°C.
Standard Discharge Current:	0.2 mA
Max. Continuous Discharge Current:	6 mA—Up to 40% of maximum capacity to 2V
Max. Pulse Discharge Current:	20 mA—15 sec. pulse to 40% of discharge
Weight Energy Density:	195 mWh/g
Volume Energy Density:	578 mWh/cc

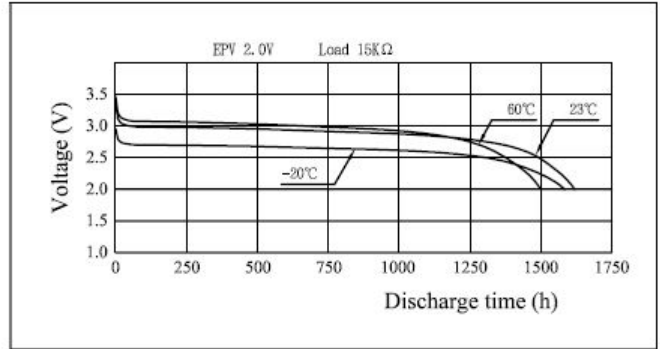
**TEMPERATURE EXPOSURE**

Operating Temperature:	-20°C to +70°C
Storage Temperature:	0°C to 30°C

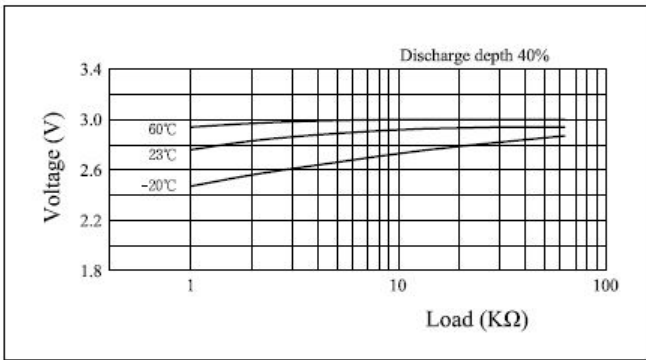
Discharge characteristics



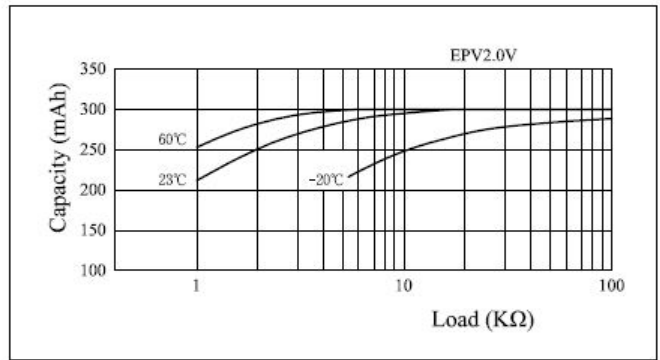
Temperature characteristics



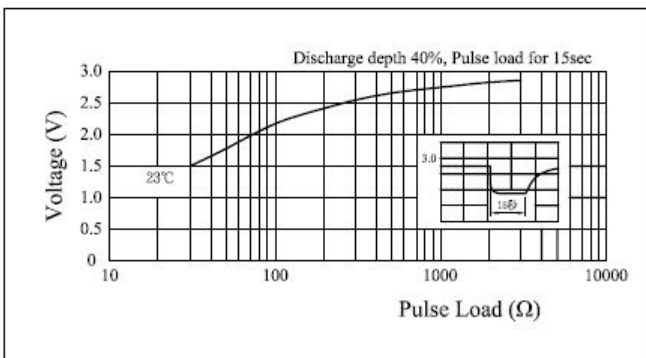
Load vs. Operating voltage



Load vs. Capacity



Pulse discharge characteristics



Storage characteristics

