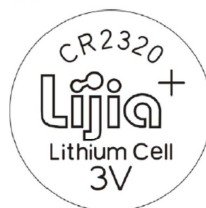


RATINGS OF MANGANESE DIOXIDE LITHIUM BATTERY

(TYPE: CR2320)

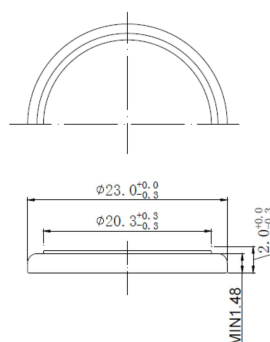
CLASSIFICATION		MANGANESE DIOXIDE LITHIUM PRIMARY BATTERY
BATTERY SYSTEM		COIN TYPE MANGANESE DIOXIDE LITHIUM BATTERY
BATTERY TYPE		CR2320
NOMINAL VOLTAGE		3.0V
NOMINAL CAPACITY		130mAh (ON CONTINUOUS DISCHARGE UNDER 15K Ω load to 2.0V end-point)
STANDARD DISCHARGE CURRENT		0.2mA
MASS		APPROX. 3.0g
TERMINALS	CAP TERMINAL CASE TERMINAL	SUS430+Ni-plated SUS430+Ni-plated
OUTER DIMENSIONS	DIAMETER OVERALL HEIGHT	$\phi 23.0(+0/-0.2)\text{mm}$ $2.0(+0/-0.25)\text{mm}$
USABLE TEMPERATURE RANGE		-20 $^{\circ}\text{C}$ ~ +70 $^{\circ}\text{C}$
STORAGE TEMPERATURE RANGE		0 $^{\circ}\text{C}$ ~ 30 $^{\circ}\text{C}$
STORAGE HUMIDITY RANGE		40% ~ 75%

The Appearance Of CR2320



The Dimensions Of CR2320

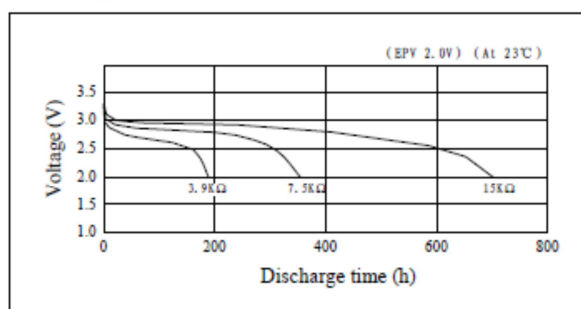
Fig.1



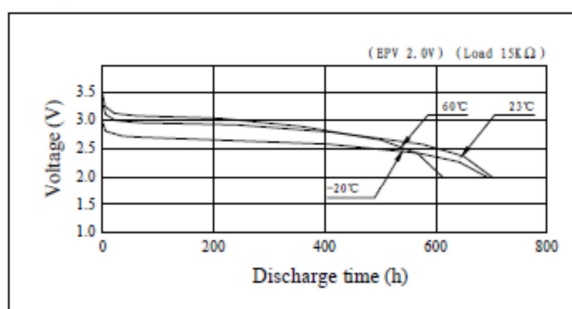
Specifications

Nominal Voltage	3V	Dimensions (mm)	A	$\phi 20.3$
Nominal Capacity	130 (mAh)		B	$\phi 23.0^{+0.0}_{-0.3}$
Continuous standard load	15 (K Ω)		C	1.48 (Ref.)
Operating temperature	-20 ~ 70°C		D	$2.0^{+0.0}_{-0.3}$
Weight	3.0 (g)			

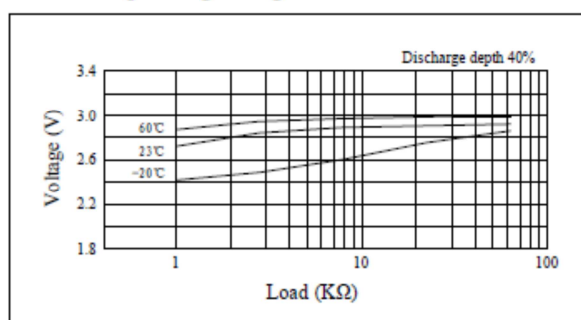
Discharge characteristics



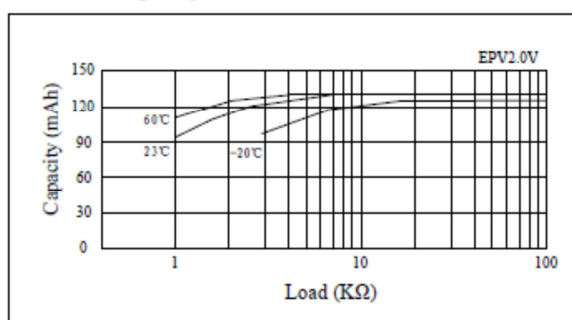
Temperature characteristics



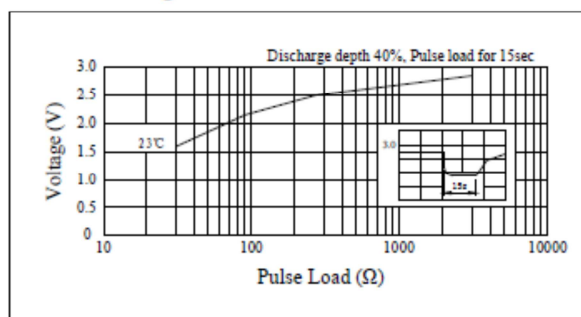
Load vs. Operating voltage



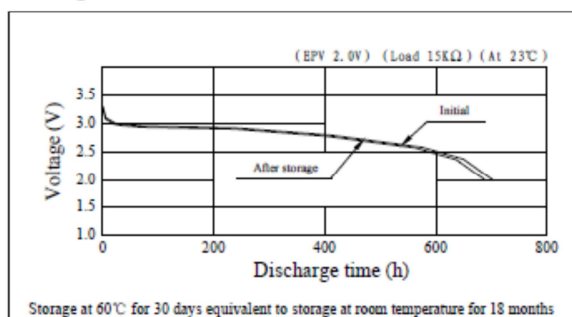
Load vs. Capacity



Pulse discharge characteristics



Storage characteristics



Storage at 60°C for 30 days equivalent to storage at room temperature for 18 months