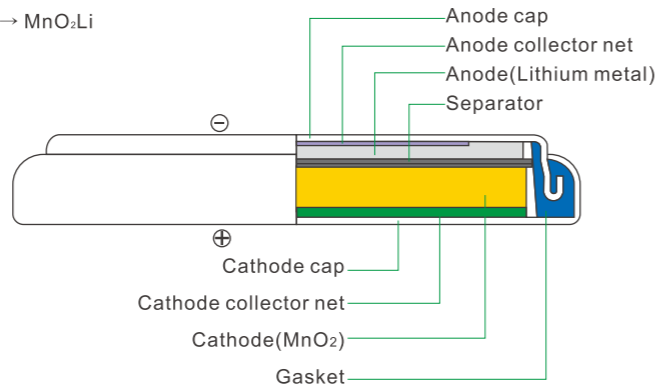
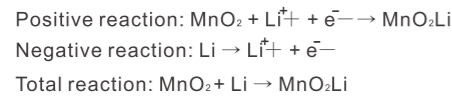




Li-MnO₂ Button Battery

Cell Constructions



Main Features

- ✓ Low self-discharge rate and long shelf life.
Self-discharge rate: less than 3% a year at room temperature.
- ✓ Stable discharge characteristics.
- ✓ Superior high-rate pulse discharge characteristics.
- ✓ Applicable in a wide temperature range.
- ✓ Superior leakage resistance.

Applications

- ✓ Watches (digital and analog)
- ✓ Calculators
- ✓ Electronic notebooks
- ✓ Electronic keys for automobiles
- ✓ Card radios
- ✓ PC cards
- ✓ LED-related
- ✓ Medical equipment
- ✓ Memory backup power source



Standard Type

Model	Nominal Voltage (V)	Nominal Capacity (mAh)	Standard Discharge Current (mA)	Dimension (mm)		Approx. Weight (g)
				Diameter	Height	
CR1220	3.0	40	0.2	12.5	2.0	0.8
CR1225	3.0	50	0.2	12.5	2.5	1.0
CR1616	3.0	50	0.1	16.0	1.6	1.2
CR1620	3.0	70	0.1	16.0	2.0	1.3
CR1632	3.0	120	0.1	16.0	3.2	1.6
CR2016	3.0	85	0.2	20.0	1.6	1.7
CR2025	3.0	150	0.4	20.0	2.5	2.4
CR2032	3.0	210	0.2	20.0	3.2	3.0
CR2330	3.0	250	0.4	23.0	3.0	4.0
CR2354	3.0	500	0.4	23.0	5.4	5.7
CR2430	3.0	270	0.4	24.5	3.0	4.3
CR2450	3.0	550	0.4	24.5	5.0	6.2
CR2477	3.0	1000	2.0	24.5	7.7	9.5
CR3032	3.0	500	0.4	30.0	3.2	6.8

Operation Temperature: -20 ~ +60°C, Self-Discharge Rate: < 3%/year at room temperature.

High Temperature Type

CR1225S	3.0	45	0.05	12.5	2.5	0.9
CR1632S	3.0	110	0.1	16.0	3.2	2.0
CR2025S	3.0	150	0.2	20.0	2.5	2.5
CR2032S	3.0	210	0.2	20.0	3.2	3.0
CR2450S	3.0	550	0.2	24.5	5.0	6.8

Operation Temperature: -40 ~ +125°C, Self-Discharge Rate: < 5%/year at room temperature.

Low Temperature Type

CR1632L	3.0	120	0.2	16.0	3.2	2.0
CR2032L	3.0	210	0.2	20.0	3.2	3.0
CR2450L	3.0	580	0.4	24.5	5.0	6.8

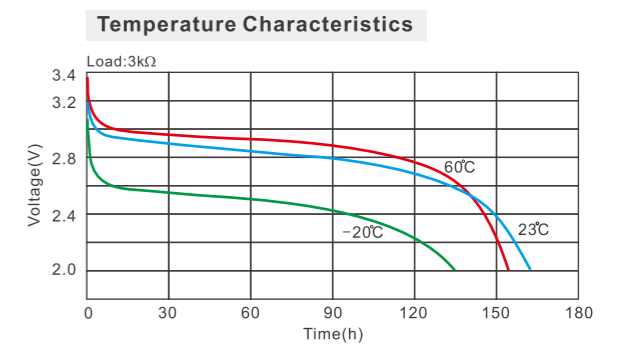
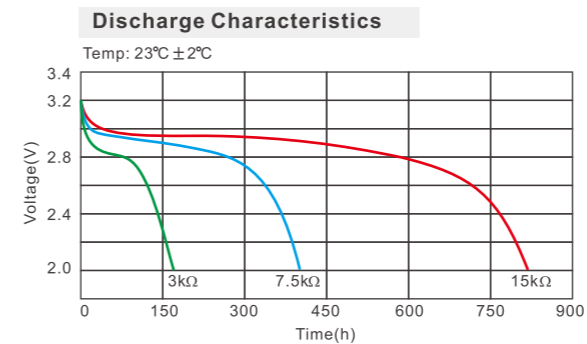
Operation Temperature: -40 ~ +70°C, Self-Discharge rate: < 5%/year at room temperature.

High Capacity Type

CR2032H	3.0	230	0.2	20.0	3.2	3.0
CR2450H	3.0	600	0.4	24.5	5.0	6.5

Operation Temperature: -20 ~ +60°C, Self-Discharge Rate: < 3%/year at room temperature.

Electrical Performance Curve (For CR2025 Typical)



Available Terminals For button batteries

