

Battery Categories Primary Button series (CR) 3.0V



Lithium Manganese Dioxide Button Battery

Newsun® offers a complete range of primary lithium manganese dioxide (Li/MnO₂) button cell with good characteristics in wide and varied conditions; it can definitely be competent and be satisfied the diverse demands for the small size of high energy button case. To meet the different demands of customers, Newsun® offers two types of operating temperature CR cells-standard operating temperature at -20°C to 60 °C and wide temperature at -40°C to 80°C. These batteries are widely used in different applications such as motherboards, remote control, telecommunications, medical industry electronic (keyless entry, glucose monitor, heart rate monitors) and in an increasing number of portable devices (measuring equipment, -RAM,C-MOS,RFID, payment systems, toys etc.). Most of the electronics that may require smaller coin button batteries; it's reliable, efficient power and it can apply in different design of shapes and sizes.

Newsun®'s lithium manganese dioxide batteries meet the highest quality standards and have excellent reliability. Based on the outstanding cell performance and reliability of Newsun®'s batteries, we have earned of trustworthy reputation from both domestic & oversea customer. Newsun®'s lithium manganese dioxide cell are still one of the most widely used around the world.

Key Features – Benefits with Newsun®

- Superior shelf life and operational life
- Design/assembly flexibility
- All Newsun® button cell are UL recognized products
- Environmental friendly, (ROHS Certified)
- MSDS approved
- Superior leakage resistance
- Wide range of capacity from 25mAh to 950mAh
- A variety provides of tabs types for welding
- Newsun® patented plastic case and wire & connector versions to apply with the battery

Highlight

- Advantages for using Lithium Manganese Dioxide (Li/MnO₂)
- Primary / Non-rechargeable
- Small size and light weight with high voltage and energy density
- Good characteristics in wide and varied operating conditions
- Elimination of leakage
- Excellent temperature characteristic
- Nominal voltage of 3V, approx twice the voltage level of alkaline button cells
- High energy density
- Best practical capacity / volume ratio
- Low self discharge rate
- High open circuit and load voltage (above 3.0 volts per cell)
- High energy density

Battery Feature Keys



Battery List

Model ▲	Capacity (mAh)	Voltage (V)	Max. Dimension (mm)	Weight ±15% (g)	
CR1025	30	3.0	Φ 10 x 2.5	0.6	ENQUIRY
CR1216	25	3.0	Φ 12.5x1.6	0.7	ENQUIRY
CR1220	38	3.0	Φ 12.5x2.0	0.8	ENQUIRY
CR1225	50	3.0	Φ 12.5x2.5	0.9	ENQUIRY
CR1530	85	3.0	Φ 15 x 3.0	1.4	ENQUIRY
CR1530	85	3.0	Φ 15 x 3.0	1.4	ENQUIRY
CR1616	50	3.0	Φ 16 x 1.6	1.1	ENQUIRY
CR1620	70	3.0	Φ 16 x 2.0	1.2	ENQUIRY
CR1632	120	3.0	Φ 16 x 3.2	1.8	ENQUIRY
CR2016	75	3.0	Φ 20 x 1.6	1.7	ENQUIRY
CR2025	150	3.0	Φ 20 x 2.5	2.5	ENQUIRY
CR2032	220	3.0	Φ 20 x 3.2	3.0	ENQUIRY
CR2032	210	3.0	Φ 20 x 3.2	3.0	ENQUIRY
CR2320	130	3.0	Φ 23 x 2.0	2.7	ENQUIRY
CR2325	190	3.0	Φ 23 x 2.5	3.2	ENQUIRY
CR2330	260	3.0	Φ 23 x 3.0	3.8	ENQUIRY
CR2335	300	3.0	Φ 23 x 3.5	4.2	ENQUIRY
CR2354	270	3.0	Φ 24.5 x 3.0	6.3	ENQUIRY
CR2430	270	3.0	Φ 24.5 x 3.0	4.3	ENQUIRY
CR2450	600	3.0	Φ 24.5 x 5.0	7.0	ENQUIRY
CR2477	950	3.0	Φ 24.5 x 7.7	10.0	ENQUIRY
CR3032	550	3.0	Φ 30 x 3.2	6.8	ENQUIRY