

Micro Batteries

CR, SR & LR Batteries

A wide range of battery solutions featuring Murata quality & reliability

Murata offers a wide range of primary micro batteries with high performance and reliability, taking advantage of 40+ years technology development and manufacturing expertise.

Manufacturing excellence

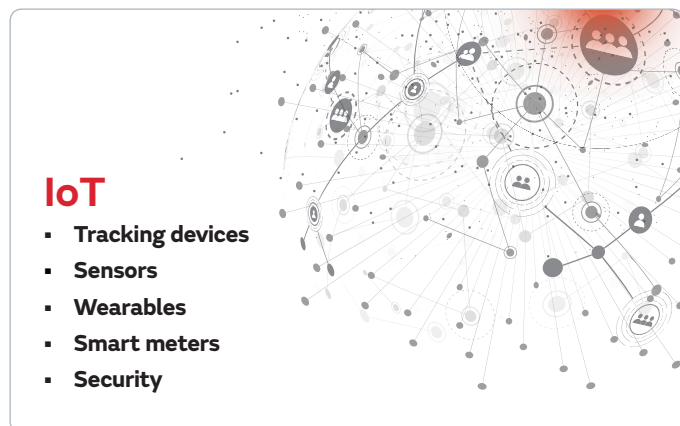
- Acquisition of ISO 9001/14001 certification
- Full automated assembling lines with high productivity

For demanding applications



Automotive

- **TPMS**
(Tire Pressure Monitoring System)
- **Door sill strip**
- **Toll gate**



IoT

- **Tracking devices**
- **Sensors**
- **Wearables**
- **Smart meters**
- **Security**



Medical

- **Capsule endoscopy**
- **Insulin pumps**
- **CGM** (Continuous Glucose Monitoring)
- **Drug delivery systems**
- **Thermometers**



Other

- **Factory automation**
- **Home/office electrical appliances**
- **Electronic price tags**
- **POS systems**



Coin Manganese Dioxide Lithium Batteries

CR: 3V

Features

- High voltage, high energy density
- Outstanding temperature characteristics
- Excellent self-discharge performance
- UL Recognized Component (UL1642 File No.MH12566)
- Acquisition of ISO/TS16949 Certification

Nominal voltage: **3V**

Nominal capacity:

30mAh - 2000mAh

Operating temperature:

-30°C to + 70°C (standard, high drain)

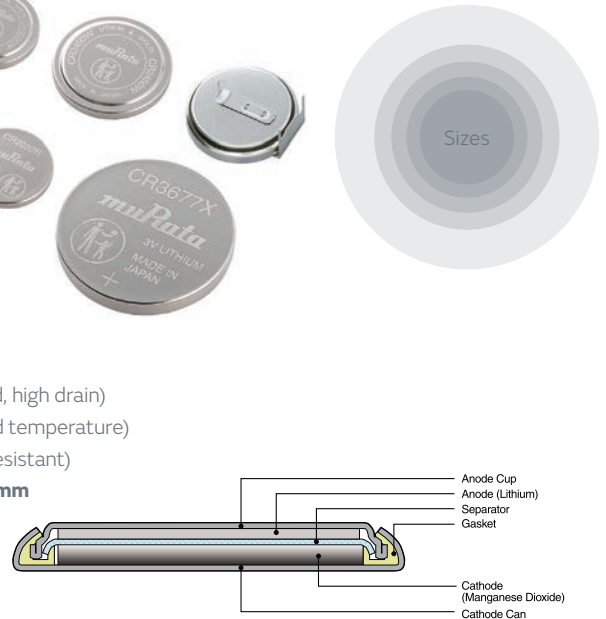
-40°C to + 85°C (extended temperature)

-40°C to + 125°C (heat-resistant)

Diameter: **12.5mm - 36.5mm**

Height: **1.6mm - 7.7mm**

Weight: **0.7g - 20g**



Silver Oxide Batteries

SR: 1.55V

Features

- World's first manufacturer of mercury-free silver oxide batteries
- Excellent stable discharge characteristics
- Excellent leakage resistance with patented technology

Nominal voltage: **1.55V**

Nominal capacity: **20mAh - 150mAh**

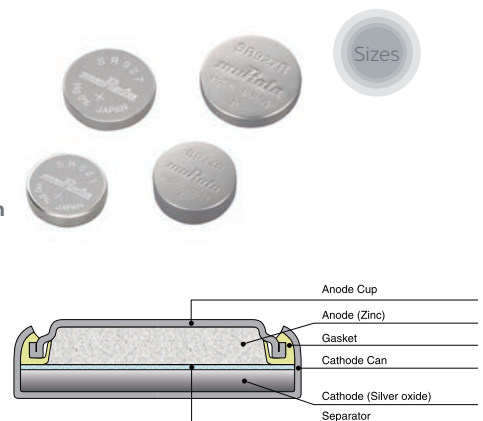
Operating temperature:

-10°C to + 60°C

Diameter: **6.8mm - 11.6mm**

Height: **2.1mm - 5.4mm**

Weight: **0.3g - 2.2g**



Alkaline Manganese Batteries

LR: 1.5V

Features

- High safety with unique technologies to prevent leakage and swelling
- Mercury-free
- Excellent high-drain pulse discharge characteristics

Nominal voltage: **1.5V**

Nominal capacity: **45mAh - 150mAh**

Operating temperature:

-10°C to + 60°C

Diameter: **7.9mm - 11.6mm**

Height: **3.0mm - 5.4mm**

Weight: **0.6g - 2.0g**

