LITOBAT (WUHAN) NEW ENERGY CO., LTD

Battery Information & Waste Management for EU Regulation

CR2032 Li-MnO_2 Button Battery (Non-rechargeable Portable Battery)

Prepared in accordance with Regulation (EU) 2023/1542 concerning batteries and waste batteries

Document No.	〔LTB-EU-CR2032-001〕
Version	V1.0
Date of issue	〔2026-08-01〕
Regulatory basis	Regulation (EU) 2023/1542; Directive 2008/98/EC
Product covered	CR2032 Li-MnO_2 button cell (non-rechargeable)

1. General Information

Item	Value
Manufacturer	Litobat (Wuhan) New Energy Co., Ltd
Address	South Railway Science and Technology Industrial Park, No. 20 Hongqi Road, Hengdian Street, Huangpi District, Wuhan, Hubei Province, China
Postal Code	430300
E-mail	Litobat@163.com
Website	https://litobat.en.alibaba.com

2. Battery Information

Item	Value
Product Name	Li-MnO_2 Button Cell
Battery Category	Portable primary battery (non-rechargeable)
Model No.	CR2032
Nominal Voltage	3.0 V
Capacity	210 mAh
Manufacturing Date and lot (year/month)	2026/08
Weight	2.9–3.1 g (for reference only)

Item	Value
Critical raw materials in concentration higher than 0.1% weight/weight	Lithium, Manganese, Graphite
Usable extinguishing agent	Plenty of water, dry chemical powder or carbon dioxide

3. Restricted Substances Information

Substance	Maximum concentration (% by weight)
Mercury (Hg)	≤ 0.0005
Cadmium (Cd)	≤ 0.002
Lead (Pb)	≤ 0.01

Note: This product complies with the heavy-metal concentration limits set out in Regulation (EU) 2023/1542. Certificate No. MTHI8PFG7829857D1 was issued by the notified agent PONY on 10 December 2025. The declaration of conformity is shown as below.

Litobat (Wuhan) New Energy Co., Ltd
EU DECLARATION OF CONFORMITY

Battery model: 3V BUTTON LITHIUM MANGANESE DIOXIDE BATTERY
CR20232

Name and address of the manufacturer:BUILDING 2, SOUTH RAILWAY SCIENCE AND TECHNOLOGY INDUSTRIAL PARK, NO.20, HONGQI ROAD, HENGDIAN STREET, HUANGPI DISTRICT, WUHAN, HUBEI PROVINCE,CHINA.

This declaration of conformity is issued under the sole responsibility of the battery manufacturer.

Object of the declaration: LITHIUM BUTTON BATTERY 3V CR2032



The object of the declaration described in above point is in conformity with the relevant Union regulation (EU) 2023/1542

The notified body PONY TESTING GROUP SHENZHEN CO.,LTD performed Heavy Metal Content on battery and waste batteries as per Annex I of Regulation (EU) 2023/1542, and issued the certificate No MTHI8PFG7829857D1 , dated 10th,Dec.2025, with passed result.

Signed for and on behalf of: Litobat (Wuhan) New Energy Co., Ltd
(place and date of issue): Wuhan, Hubei Province January 15, 2026
(name, function) (signature):Luo Jiping CEO

4. Warning and Caution

1. The battery is not designed to be charged; charging it may cause electrolyte leakage or damage to the device.
2. The battery shall be installed with its '+' and '-' terminals in the correct position; otherwise it may be charged or over-discharged.
3. Short-circuiting, heating, disposal in fire and disassembling of the battery are prohibited.
4. The battery must not be force-discharged, as this may lead to excess internal gas generation and result in bulging, leakage or explosion.
5. New and used batteries must not be mixed; when replacing batteries, it is recommended to replace all batteries with the same brand and type.
6. Exhausted batteries should be removed from the device to prevent over-discharge, which may cause leakage and damage to the device.
7. Direct soldering of the battery is not allowed, as it will damage the battery.
8. Keep the battery out of the reach of children to prevent swallowing; in case of accidental ingestion, contact a physician immediately.
9. The battery should not be dismantled or deformed.
10. Do not store or carry batteries together with metal objects (e.g., keys, coins) to avoid short-circuiting.
11. Do not immerse batteries in water or expose them to high humidity.
12. Do not attempt to modify or solder the battery directly.
13. If battery leakage occurs, avoid contact with skin and eyes. In case of contact, flush with plenty of water and seek medical advice immediately.
14. If leaked material comes into contact with the eyes, flush immediately with running water for at least 15 minutes and consult an ophthalmologist at once.
15. If the battery emits an odour, heats up, discolours, deforms or shows any other abnormal phenomenon during use or storage, remove it from the device immediately and dispose of it properly.
16. Do not mix batteries of different types, brands or significantly different capacities.
17. Avoid exposing batteries to extreme heat (e.g., direct sunlight or radiators).

5. Information on Prevention and Management of Waste Batteries (Article 74)

In accordance with Article 74(1) of Regulation (EU) 2023/1542 concerning batteries and waste

batteries (which replaces Directive 2006/66/EC) and Article 8a(2) of Directive 2008/98/EC (the Waste Framework Directive), for primary (non-rechargeable) batteries supplied within the territory of an EU Member State, producers or their authorised producer responsibility organisations shall make the following information available to end-users and distributors:

5.1 (a) Role of End-users in Waste Prevention

Follow the device manufacturer's instructions for correct battery insertion and usage. Avoid storing or using batteries in extreme temperatures or high humidity. Remove batteries from devices that will not be used for an extended period to prevent leakage or unnecessary discharge. Primary batteries are not rechargeable; do not attempt to recharge them, as this may cause leakage or rupture. When the battery is depleted, encourage users to bring it to designated collection points to enable potential material recovery or recycling.

5.2 (b) Role of End-users in Separate Collection (Article 64)

End-users are obliged to separate spent batteries from other household waste. Do not discard batteries in unsorted municipal waste or litter them. Separate collection facilitates proper treatment and resource recovery (e.g., zinc, manganese, steel, lithium), aligning with EU environmental objectives.

5.3 (c) Separate Collection, Take-back and Collection Points; Preparation for Reuse, Repurposing and Treatment

Spent batteries can be returned via: collection bins at retail points; municipal recycling centres; and designated battery collection points. Collected batteries will undergo sorting, pre-treatment (including neutralisation of electrolyte) and material recycling. Reuse or repurposing is generally not applicable for primary batteries, but material recovery is maximised.

5.4 (d) Safety Instructions to Handle Waste Batteries

Avoid storing waste batteries together with metal objects to prevent short-circuiting. If a battery shows signs of leakage (e.g., white or crystalline residue), deformation or overheating, handle it with protective gloves and store it separately in a plastic bag. Never dispose of batteries in fire, as this may cause explosion or release of hazardous fumes. Keep batteries out of the reach of children. If swallowed, seek medical attention immediately.

5.5 (e) Meaning of Labels and Symbols (Article 13)

The following labels and symbols may appear on the battery, on its packaging or in the documents accompanying the battery, in accordance with Article 13 of Regulation (EU) 2023/1542:



Fig. 1 — Crossed-out wheeled bin symbol (Article 13(4))

Indicates that the battery should not be disposed of with unsorted household waste; it must be separately collected.



Fig. 2 — CE marking

Indicates that the battery (or the device for which it is intended) complies with the applicable EU health, safety and environmental protection requirements.



Fig. 3 — Keep out of reach of children symbol

A warning to prevent ingestion or mishandling, especially for small children.



Fig. 4 — Do not recharge symbol

This battery is non-rechargeable; attempting to recharge it may cause leakage or explosion.

Non-rechargeable label (Article 13(3)): From 18 August 2026, non-rechargeable portable batteries shall bear a label indicating that the battery is 'non-rechargeable'.

QR code (Article 13(6)): From 18 February 2027, all batteries shall bear a QR code providing access to the information required under Article 13 and Article 74(1), points (a) to (f).

Chemical symbols for cadmium and lead (Article 13(5)): Batteries containing more than 0.002 % cadmium or more than 0.004 % lead shall bear the chemical symbol 'Cd' or 'Pb' beneath the separate collection symbol.

5.6 (f) Impact of Substances on Environment and Human Health

Primary batteries contain various materials (zinc, manganese, lithium, etc.). If improperly discarded (e.g., landfilled or incinerated), the electrolyte can leak and cause soil and water contamination; heavy metals may accumulate in the environment. Swallowing a battery can cause injury; batteries

should be kept away from children. Inappropriate disposal increases environmental burdens, wastes recoverable materials and may lead to fires or injuries during waste handling. Leaking batteries can cause chemical burns; always handle with care.

This information is provided to support end-users in responsible battery use and disposal, in line with EU waste legislation.