Document No. PG-CR2050-20260921

# EU Declaration of Conformity

## CR2050

Lithium-Manganese Dioxide Button Cell (Non-rechargeable)

## 01 Product Information

| | |
|---|---|
| Product | Lithium-Manganese Dioxide Button Cell (Non-rechargeable) |
| Battery Category | Portable battery (≤5kg) |
| Model | CR2050 |
| Batch Code | Refer to the marking on the cell or the product packaging instruction sheet |

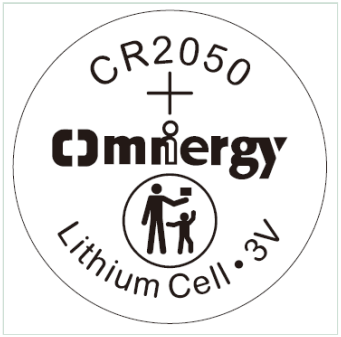
## 02 Manufacturer

| | |
|---|---|
| Manufacturer Name | Yichang Power Glory Technology Co., Ltd. |
| Address | No.19, Xianfeng Road, Xiaoting District, Yichang City, Hubei Province, China |
| Postal Code | 443007 |
| Official Website | www.szlijia.com |
| Email | eu-battery-compliance@szlijia.com |

## 03 Object of the Declaration

| | |
|---|---|
| Product | Lithium-Manganese Dioxide Button Cell (Non-rechargeable) |
| Battery Category | Portable battery (≤5kg) |
| Model | CR2050 |
| Chemistry system | Li-$MnO_2$ |
| Nominal Voltage | 3.0 V |
| Nominal Capacity (mAh) | 330~380 |

**Schematic Diagram (Non-exclusive, for reference only)**




Note: The cell can be identified by the LOGO marked on the battery and the information shown on the product packaging. For batch details, please refer to the marking on the cell or the product packaging instruction sheet.

## 04 EU Harmonised Legislation Compliance

This declaration of conformity is issued under the sole responsibility of the manufacturer. We confirm that the above-referenced product complies with the applicable requirements of the following Union harmonisation legislation: Regulation (EU) 2023/1542 of the European Parliament and of the Council of 12 July 2023 on batteries and waste batteries. This Regulation amends Directive 2008/98/EC and Regulation (EU) 2019/1020, and repeals Directive 2006/66/EC. Product conformity has been assessed against relevant technical specifications and harmonised standards. The product satisfies the applicable mandatory requirements of Article 6 (substance restrictions) and Article 13 (labelling and information provision) of this Regulation.

**Article 7 — Carbon footprint**

Carbon footprint requirements apply solely to electric vehicle batteries, rechargeable industrial batteries and LMT batteries and do not cover this product.

**Article 8 — Recycled content**

Recycled content requirements apply solely to industrial batteries, electric vehicle batteries, LMT batteries and SLI batteries and do not cover this product.

**Article 9 — Performance and durability**

Performance and durability requirements for general-use portable batteries explicitly exempt button cells.

**Article 10 — Performance and durability**

Performance and durability requirements apply exclusively to rechargeable industrial batteries, LMT batteries and electric vehicle batteries and are not applicable to this product.

**Article 11 — Removability and replaceability**

Requirements on the removability and replaceability of portable batteries apply only to batteries pre-installed in end devices. As this product is a standalone button cell supplied separately and not pre-assembled into any end device at the time of delivery, this article does not apply.

**Article 12 — Stationary battery energy storage**

Safety requirements for stationary battery energy storage systems are not applicable to this product.

**Article 14 — Health status and service life**

Requirements relating to battery health status and service life information apply only to batteries fitted with electronic data acquisition components. This product features no intelligent monitoring or data acquisition capability and cannot support battery status monitoring; therefore, this article is not applicable.

**Articles 48–52 — Supply chain due diligence**

These obligations apply to economic operators that place batteries directly on the EU market or put them into service. Our company is a battery manufacturer and does not carry out activities to place batteries directly on the EU market. Relevant market compliance responsibilities are undertaken by downstream cooperating economic operators. As a battery manufacturer and supplier, we will continuously cooperate with downstream customers to complete and verify relevant supply chain compliance documents.

**Accordingly, the requirements of Articles 7, 8, 9, 10, 11, 12 and 14 of the Regulation do not apply to this product.**

## 05 Hazardous Substance Restrictions

☑ This product complies with the heavy metal concentration limits for portable batteries set out in Annex I of Regulation (EU) 2023/1542:

| Substance | Limit (mass fraction) |
|---|---|
| Mercury (Hg) | ≤ 0.0005 % (Mass fraction) |
| Cadmium (Cd) | ≤ 0.002 % (Mass fraction, Portable batteries only) |
| Lead (Pb) | ≤ 0.01 % (Mass fraction, Portable batteries only; portable zinc-air button cells are exempt until 18 August 2028) |

This product complies with the relevant restrictions set out in Annex XVII of REACH Regulation (EC) No 1907/2006.

⚠ **SVHC Information Disclosure (REACH Article 33)**

Ethylene glycol dimethyl ether (EGDME, CAS: 110-71-4) is listed on the REACH SVHC Candidate List. This substance is present in our product at a mass fraction >0.1% w/w. EGDME serves as an essential component of the electrolyte, and no mature, viable alternative substances are currently available.

## 06 Battery Labelling and Marking

The labels, markings and symbols applied on the battery cell and product packaging fully comply with the requirements of Article 13 and Annex VI of Regulation (EU) 2023/1542.

## 07 Applicable Harmonised Standards and Technical Specifications

| Standard No. | Standard Name |
|---|---|
| IEC 60086-1:2021 | Primary batteries — Part 1: General |
| IEC 60086-2:2021 | Primary batteries — Part 2: Physical and Electrical Specification |
| IEC 60086-4:2025 | Primary batteries — Part 4: Safety of lithium batteries |

## 08 Conformity Assessment Self-Declaration

**Conformity Assessment Procedure**

This product adopts the conformity assessment procedure of Module A — Internal Production Control, as defined in Annex VIII of Regulation (EU) 2023/1542. Under this procedure, the manufacturer maintains complete technical documentation to demonstrate that the battery fulfils all applicable regulatory requirements. The manufacturer shall retain the technical documentation and EU Declaration of Conformity for a period of 10 years for inspection by competent authorities.

**Notified Body**

Not applicable. Module A internal production control procedure does not require any notified body involvement or third-party certification.

## 09 Disclaimer

This document is compiled in accordance with current product specifications and applicable EU regulatory requirements. Its content is subject to change due to regulatory amendments or product upgrades. We reserve the right to revise this document without prior notice.

## 10 Signature Information

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|---|---|
| Name | Zhanghua Yu |
| Position | Director |
| Address | Yichang city, Hubei province, China |
| Date | 2026/9/21 |

**Signature**

