



**Battery Model: BP1709/C**

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## 1 Document info

### 1.1 Document Scope

The purpose of this document is to provide technical documentation to demonstrate the conformity of the RTX battery with the requirements laid down in Battery Regulation (EU) 2023/1542. The document meets information requirements, which according to Regulation 2023/1542 shall be made public available for end-users.

The Declaration of Conformity for this battery is provided separately.

### 1.2 Document history

| Revision | Resp. | Date       | Comments          |
|----------|-------|------------|-------------------|
| 1.0      | KDS   | 2025-06-27 | Published version |

## 2 Assessment of RTX Battery

### 2.1 Information Requirements

In accordance with Regulation (EU) 2023/1542 Annex VI (Labelling, marking and information requirements) the below table summarizes the information requirements for batteries under this regulation.

| Regulatory reference (EU) 2023/1542       | Requirement                                                                    | Assessment of RTX Battery                                  |
|-------------------------------------------|--------------------------------------------------------------------------------|------------------------------------------------------------|
| Article 38(7)                             | Information on manufacturer                                                    | Zhongshan Tianmao Battery Co., Ltd.                        |
| Article 38(6)                             | Battery category and information                                               | Lithium Polymer                                            |
| Article 13                                | The place of manufacture                                                       | China                                                      |
| Article 13                                | The date of manufacture                                                        | Information available on the battery label                 |
| Article 13                                | The weight                                                                     | 23.7g                                                      |
| Article 13                                | The capacity                                                                   | 1100mAh                                                    |
| Article 13                                | The chemistry                                                                  | Lithium Polymer                                            |
| Article 3 of Regulation (EC) No 1272/2008 | The hazardous substances (other than mercury, cadmium or lead)                 | No hazardous substances                                    |
| Article 13                                | Critical raw material present in the battery (more than 0,1% weight by weight) | Reporting required by August 2026 cf. regulation 2003/1542 |




### 2.2 Restriction on Substances

Reporting on restricted substances in accordance with Regulation 2023/1542 Annex I.

| Restricted Substances                                               | Condition of restriction                                   | Assessment of RTX Battery |
|---------------------------------------------------------------------|------------------------------------------------------------|---------------------------|
| Mercury: CAS No 7439-97-6 EC No 231-106-7 and its compounds         | Shall not contain more than 0,0005% of mercury (by weight) | Comply                    |
| Cadmium: Cadmium CAS No 7440-43-9 EC No 231-152-8 and its compounds | shall not contain more than 0,002 % of cadmium             | Comply                    |

|                                                          |                                                                    |        |
|----------------------------------------------------------|--------------------------------------------------------------------|--------|
| Lead: CAS No 7439-92-1 EC No 231-100-4 and its compounds | Shall not contain more than 0,01 % of lead (applied from Aug 2024) | Comply |
|----------------------------------------------------------|--------------------------------------------------------------------|--------|

## 2.3 Standards and Certifications

| Model  | Certificate       | Standard                                              | Report / Certificate | Country       | Mark                                                                                |
|--------|-------------------|-------------------------------------------------------|----------------------|---------------|-------------------------------------------------------------------------------------|
| BP1709 | UN38.3            | ST/SG/AC.10/11/Rev.7<br>Amend.1 Section 38.3          | 1122120316           | Global        | /                                                                                   |
|        | UL2054<br>UL62368 | UL 2054 UL62368                                       | MH48044              | USA/Canada    |  |
|        | REACH             | REACH                                                 | BCTCY2003000256RN1   | Europe        | /                                                                                   |
|        | PAHS              | AfPS GS 2014:01 PAK                                   | BCTCY2003000254RN1   | Europe        | /                                                                                   |
|        | RoHS              | IEC 62321                                             | BCTCY2003000257RN1   | Europe        | /                                                                                   |
|        | Battery Directive | IEC 62321-5:2013 Ed.1.0<br>IEC 62321-4:2013+AMD1:2017 | BCTCY2003000253RN1   | Europe        |  |
|        | CB (IEC62133)     | IEC62133-2:2017                                       | DK-96299-A1-UL       | International | /                                                                                   |
|        | PSE               | Annex 9                                               | 60355667 001         | Japan         |  |
|        | IEB1725           | IEBB1725                                              | PRR000138            | USA           | /                                                                                   |