



Battery Model: U832327PV

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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	2025-09-22	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	SHEN ZHEN UTILITY ENERGY 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	~14g
Article 13	The capacity	600mAh
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
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2.3 Standards and Certifications

Model	Certificate	Standard	Report / Certificate	Country	Mark
U83 2327 PV	UN38.3	ST/SG/AC.10/11/Rev.8 Amend.1 Section 38.3	S03A25020727U00101	Global	/
	UL2054 UL62368	UL 2054 UL62368	UL-US-2569203-0/ MH49090	USA/Canada	
	CB	IEC 62133-2:2017	DK-164878-UL	International	/
	Battery Directive	IEC62321-5:2013; IEC62321-4:2013+AMD1:2017	TCT250303C001002	Europe	
	REACH	REACH	U11201250303602-2E	Europe	/
	PAHS	AfPS GS 2019:01 PAK	U11201250303602-3E	Europe	/
	ROHS	IEC 62321	U11201250303602-1E	Europe	/
	EMC	EN 55032:2015+A1:2020, EN 55035:2017+A11:2020	25AE020727E002	Europe	