

Panasonic ENERGY

Panasonic Energy Co., Ltd.

1-1 Matsushita Cho, Moriguchi City, Osaka, Japan

Date: 22-Apr-2024

No. R240013

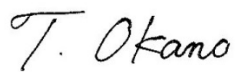
Conformity assessment report

General

Product	Coin Primary lithium batteries
Trade name	Panasonic
Model number	CR2450
Battery category	Portable(General use), button cell

The product complies with the REGULATION (EU) 2023/1542

Signature: Approved and Signed by
Printed Name / Title



Takuyuki Okano / General Manager
Energy Device Business Division
Panasonic Energy Co., Ltd.

Publication record

Rev.	Date	Contents	Reasons
01	22-Apr-24	Initial Issue	-

Product identification, use, certification etc.

This product is a primary battery used for designated EEE.

Please do not recharge.

1	Product	Coin Primary lithium batteries
2	Trade Name	Panasonic
	Model Number	CR2450
3	Nominal voltage / capacity	3V / 620 mAh
4	CE Marking	Not affixed on the battery due to unavailability of marking space.
5	Battery category	Portable(General use), button cell
6	Battery weight	6.3 g
7	Factory name and address	PT. Panasonic Gobel Energy Indonesia Kawasan Industri Gobel, Jl. Teuku Umar Km.44 Telaga Asih Cikarang Barat, Kab. Bekasi 17530, Jawa Barat – Indonesia --- ---

Series Model

	Model Number	Difference point from the base model.
Base Model	CR2450	---
series Model	CR-2450/@@@	Weight depends on external terminal etc.
series Model	---	---
series Model	---	---
series Model	---	---
series Model	---	---
series Model	---	---
series Model	---	---
series Model	---	---
series Model	---	---
series Model	---	---

@@@; suffix consisting of 2 to 4 digits and letters, used to identify specifications such as terminals and packaging.

Conformity assessment for Battery

Trade name	Panasonic
Model number	CR2450

REGULATION(EU)2023/1542

Battery category	Portable(General use), button cell
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ER Requirements	*Applicability	**Conformity assessment module	Harmonized Standards	***Conformity evaluation results
Article 6) Restrictions of substances	Y	A	N/A	PASS
Article 7) Carbon footprint of electric vehicle, light means of transport and rechargeable industrial batteries	N/A	D1	N/A	N/A
Article 8) Recycled content in industrial batteries, electric vehicle batteries and SLI batteries	N/A	D1	Waiting for delegated law	N/A
Article 9) Performance and durability requirements for portable batteries of general use	N/A	A	Waiting for delegated law	N/A
Article 10) Performance and durability requirements for LMT batteries, rechargeable industrial batteries and electric vehicle batteries	N/A	A	Waiting for delegated law	N/A
Article 12) Safety of stationary battery energy storage system	N/A	A	Waiting for delegated law	N/A
Article 13) Labelling and marking of batteries	Y	A	N/A	Adaptable
Article 14) Information on the state of health and expected lifetime of batteries using a battery management system	N/A	A	N/A	N/A

(*) Applicable items Y---Applicable N/A---Not applicable depending on battery category

(**) Conformity assessment module A or D1 or G

(***) Adaptable; Because the battery is too small, marking and information shall be affixed to the packaging and/or to the documents accompanying the final product.

Article 6 : Restrictions of substances.

Please refer to separate report.

Article 13 : Labelling and marking of batteries.

Please refer to attached drawing of the Delivery Specifications.

Article 13

	Indication items	Information
3	Minimum average duration and a label indicating 'non-rechargeable '	This requirement will be mandatory from 18 Aug. 2026

Annex VI: Labelling marking and information requirements

Part A: General information about batteries

	Indication items	Information
1	Manufacturer's identification	On the battery
2	Battery category	Portable battery
3	Manufacturing place (geographical location of a battery manufacturing plant)	PT. Panasonic Gobel Energy Indonesia, Kawasan Industri Gobel, Jl. Teuku Umar Km.44 Telaga Asih Cikarang Barat, Kab. Bekasi 17530, Jawa Barat – Indonesia
4	Manufacturing date (month and year)	On the battery
5	Weight	6.3 g
6	Capacity	620 mAh
7	Chemistry	Primary lithium batteries
8	Hazardous substances contained in the battery other than mercury(Hg), cadmium(Cd) or lead(Pb)	1,2-dimethoxyethane, Lithium perchlorate
9	Usable extinguishing agent	Alcohol-resistant foam, Dry sand
10	Critical raw materials contained in the battery above a concentration of 0.1% weight by weight	Lithium, Manganese

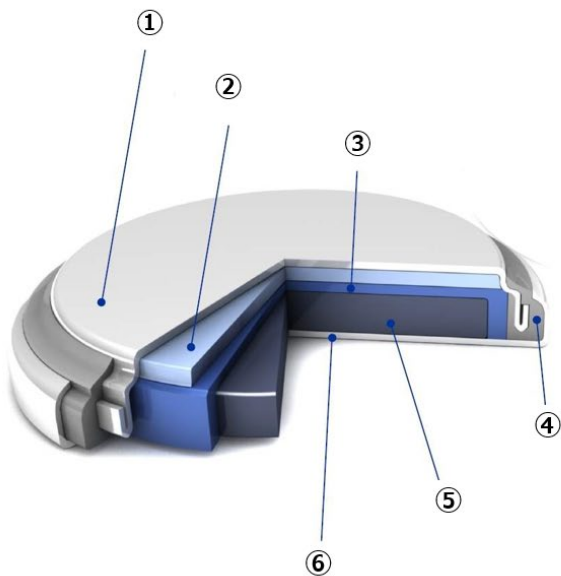
Part B: Symbol for separate collection of batteries

	Indication items	Information
1	Crossed-out wheeled bin mark	Not affixed on the battery due to unavailability of marking space. Chemical symbol is not required as it is below the threshold.

Part C: QR code

	Indication items	Information
1	QR Code	Not affixed on the battery due to unavailability of marking space. This requirement will be mandatory from 18 Feb. 2027

Descriptions and explanations



No	Parts
①	Negative pole
②	Anode (Lithium)
③	Separator
④	Gasket
⑤	Cathode (Manganese dioxide)
⑥	Positive pole

Battery appearance (Typical example)

