

REGULATION (EU) 2023/1542
Article 6 : Restrictions on substances
Conformity Assessment Report

1. Product Information

Name of product	Ni-MH BATTERY
Category of battery	<input type="checkbox"/> Starting, lighting and ignition battery (SLI) <input type="checkbox"/> Electric vehicle battery (EV) <input type="checkbox"/> Light means of transport battery (LMT) <input checked="" type="checkbox"/> Industrial battery <input type="checkbox"/> Portable battery
Model number	HHR-110AAD5

2. Subjected regulation and directive

The following regulations and directives are subject to Article 6: Substance Restrictions of REGULATION (EU) 2023/1542.

- Annex XVII to Regulation (EC) No 1907/2006
- Article 4(2), point (a), of Directive 2000/53/EC
- Annex I to REGULATION (EU) 2023/1542

3. Compatibility confirmation method

Since harmonized standards are specified in neither Article 6 nor Annex 1 of REGULATION (EU) 2023/1542, we use EN IEC 63000:2018 as a reference standard.

Confirmed by any of the following three methods.

- Supplier declarations: Non-use Warranty Certificates.
- Material declarations by supplier: List of specific substance content and identifying any exemptions.
- Analytical test results: Test data obtained by high-precision analysis (quantitative analysis) of product parts. Test data related to Hg, Cd, Pb, and Cr (VI) are applicable.

4. Conformity Assessment Result

We have confirmed that all parts of these battery products do not contain restricted substances by the applicable regulations.

Target regulation	Restricted substances	Target category	Threshold	Result
Annex XVII to Regulation (EC) No 1907/2006	Annex XVII Restricted substances	All batteries	Restriction conditions are set for each entry number.	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Article 4(2), point (a), of Directive 2000/53/EC	Hg	Batteries subject to ELV Directive	0.1% per homogeneous material	<input type="checkbox"/> Pass <input type="checkbox"/> Fail <input checked="" type="checkbox"/> Not applicable
	Cd		0.01% per homogeneous material	<input type="checkbox"/> Pass <input type="checkbox"/> Fail <input checked="" type="checkbox"/> Not applicable
	Pb		0.1% per homogeneous material	<input type="checkbox"/> Pass <input type="checkbox"/> Fail <input checked="" type="checkbox"/> Not applicable
	Cr (VI)		0.1% per homogeneous material	<input type="checkbox"/> Pass <input type="checkbox"/> Fail <input checked="" type="checkbox"/> Not applicable
Annex I to REGULATION (EU) 2023/1542	Hg	All batteries	0.0005% per battery weight	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
	Cd	Portable Battery	0.002% per battery weight	<input type="checkbox"/> Pass <input type="checkbox"/> Fail <input checked="" type="checkbox"/> Not applicable
	Pb ^{※1}	Portable Battery	0.01% per battery weight	<input type="checkbox"/> Pass <input type="checkbox"/> Fail <input checked="" type="checkbox"/> Not applicable

※1 : Regulations for zinc-air button batteries will start from August 2028.

Date: 11.07, 2024

Signature: Approved and Signed by
Printed Name / Title



Le Mingjiong / Director
Quality Management Center
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