



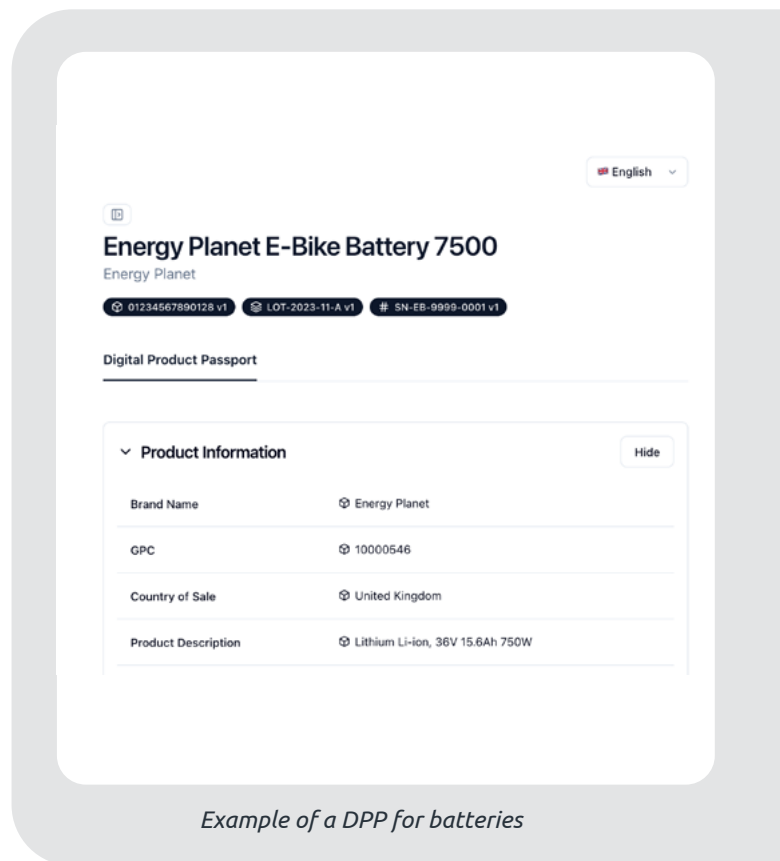
The Digital Battery Passport

A guide to Europe's new digital compliance requirement

What is the Digital Battery Passport?

The Digital Battery Passport is a **structured electronic record** containing **all key information about a battery's entire lifecycle**. The Battery Passport must be accessible via a QR code attached to the product (or its packaging). Scanning it provides essential product information, including materials used, reusability, and recyclability.

In addition to the Battery Passport, the European Union will make the Digital Product Passport (DPP) **mandatory for an increasing number of product categories starting in 2027**, to promote sustainability and the circular economy. Alongside the EU Battery Regulation and the EU Ecodesign Regulation, further regulatory requirements are currently emerging that will require the use of a Digital Product Passport for specific product groups in the future.



The Battery Passport is the first Digital Product Passport – mandatory in the EU from February 18, 2027.



Products that will require a DPP starting in 2027:

- Electric vehicle batteries
- LV batteries (light means of transport, e.g. e-bikes)
- Industrial batteries with a capacity of more than 2 kWh
- Every other battery also will require a QR code and a product page with „basic information“ — see last page of the folder

Under the EU's current work plan, the following product groups are next in priority to require a DPP:

- Textiles/clothing
- Furniture
- Tires
- Mattresses

The DPP Manager

QR Planet's Digital Product Passport Manager enables companies to **easily create and efficiently manage digital product passports**.

Structured product information – such as **technical specifications, sustainability data, material compositions, or compliance documents** – can be centrally captured, maintained, and updated at any time.

With our DPP Manager, current EU regulatory requirements can be reliably met.

Efficient creation and management with the DPP Manager:

- Traceable version control
- Full access control
- Automation through system integration
- Scalable hosting
- Reliable backups
- Multi-language functionality



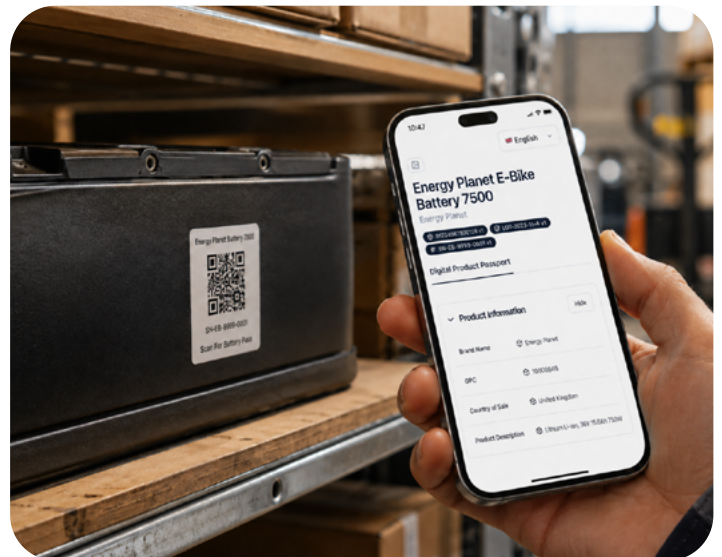
Your data is hosted in GDPR-compliant form on servers within the EU.

One smart QR code – an abundance of information

Automatically tailored by user group

The content provided in the DPP can be made accessible via a 2D QR code. To **create QR codes**, use our robust **web-based platform**, which lets you generate GS1 Digital Link QR codes.

A GS1 Digital Link is, at its core, a web address stored directly in the QR code. Scanning it doesn't just open a website – it opens structured **product information** that can **display different content depending on the need**. Link types define what kind of information is retrieved when a GS1 QR code is scanned. This means a single code can serve multiple target audiences – full flexibility with just one QR code.



Examples of the 60+ available link types:

- Digital Product Passport (DPP)
- User manuals
- Nutritional information
- Certificates
- Traceability data

Labeling requirements for every battery

(regardless of size)

Under Article 13(6)(b) and (c) of the EU Battery Regulation, every battery, regardless of size, must provide a product page with „basic information“ accessible via QR code.



Note: Even if a battery doesn't require a full Digital Battery Passport, every battery still needs a QR code and a product page with „basic information.“

Examples of basic information:

- Manufacturer identification details
- Battery category and battery identification details
- Place and date of manufacture
- Weight
- Capacity
- Chemical composition
- Declaration of conformity (DOC)
- Information on waste prevention and management of used batteries, etc.



One-stop shop for modern product labeling –

DPP and QR Code from a single source

The web-based platform offers companies a central one-stop-shop solution for modern product labeling.

Create, manage, and provision the DPP:

- Create and manage Digital Product Passports (DPP)
- Generate 2D QR codes
- Build the desired GS1 Digital Links
- Have information correctly decoded at the point of scanning

The photos in this brochure were generated using AI.

Need more information?

Contact us if you need support implementing the DPP in your company in connection with your product database or ERP system.

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More information:

