Battery Pass

CONTENT GUIDANCE

QUESTION 8

Which performance and durability data attributes are in scope of the battery passport?

The battery passport requires information on around 40 different performance and durability data attributes. These include information on battery energy/capacity, power, resistance, and the number of charge and discharge cycles. It also requires reporting on temperature conditions and negative events the battery encounters during its use.

The battery passport separates data into static (pre-use) and dynamic (in-use) categories.

- Static data points provide information about the battery model and are mostly publicly available.
- Dynamic data points pertain to individual batteries and are accessible only to persons with a legitimate interest.

The EU Battery Regulation also distinguishes some of the requirements by the different battery categories such as electric vehicles, stationary battery storage systems and LMT batteries.

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Please note that the list of data attributes below has been updated to reflect the information as included in the DIN DKE Spec 99100 (to be published in late 2024), and therefore differs from Figure 13 shown in the Battery Passport Content Guidance (p.61).

Around 40 performance and durability data attributes are required for the Battery Passport, while detailed descriptions are falling short in the Battery Regulation



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on the basis of a decision by the German Bundestag





Climate Action by resolution of the German Bundestag under grant agreement No BZF335.