

Data provision in accordance with EU Regulation 2023/1542 on Batteries and Waste Batteries

This document outlines the current vehicle-specific performance and durability parameters as well as the associated boundary conditions according to Article 10 of the EU Battery Regulation 2023/1542. The list only contains vehicle models introduced onto the market after 18/8/2024.

Date: 01/03/2025

Boundary conditions for high-voltage battery:

Parameter	Technical specification	Explanation for customers
Rated capacity [Ah]	BEV: C rate: 1/3 C, 25 °C, new battery condition PHEV: C rate: 1 C, 25 °C, new battery condition	This value applies to the new battery condition.
Capacity fade [%]	8 years or 160,000 km Normal customer behaviour, European market	The value indicated relates to predicted, normal customer behaviour after 8 years or 160,000 km and varies depending on driving style, charging behaviour, stationary periods and environmental influences.
Peak power [W]	Peak power 80% SOC / 20% SOC 25°C, new battery condition	This value applies to the new battery condition. SOC: State of charge
Power fade [%]	Peak power 80% SOC, 5 years Normal customer behaviour, European market	The value indicated relates to predicted, normal customer behaviour after 5 years and varies depending on driving style, charging behaviour, stationary periods and environmental influences.
Internal resistance [Ω]	Temperature: 25°C, SOC: 50%, duration: 10 s, new battery condition	This value applies to the new battery condition.
Internal resistance increase [%]	5 years Normal customer behaviour, European market	The value indicated relates to predicted, normal customer behaviour after 5 years and varies depending on driving style, charging behaviour, stationary periods and environmental influences.
Expected service life [years]	Normal customer behaviour, European market	The indicated guide value for product service life is based on predictions of normal customer behaviour. The actual service life can however vary depending on individual driving style, charging behaviour, stationary periods and environmental influences. No warranty claims can be derived from the expected service life prediction.

The values indicated here are valid for the above-mentioned boundary conditions:

Vehicle	Model code	High-voltage battery.	Rated capacity [Ah]	Capacity fade [%]	Peak power 80% SOC / 20% SOC [W]	Power fade [%]	Internal resistance [Ω]	Increase in internal resistance [%]	Expected service life [years]
Aceman E	31GC, 32GC	SE071	126,0	less than 28%	185.000 / 159.000	less than 10%	0,09	less than 50%	15 years
Aceman E	71GC	SE073	136,0	less than 28%	220.000 / 186.000	less than 10%	0,11	less than 50%	15 years
Aceman SE	81GC, 82 GC	SE073	136,0	less than 28%	220.000 / 186.000	less than 10%	0,11	less than 50%	15 years
Cooper E	11GC, 12GC	SE070	126,0	less than 28%	176.000 / 152.000	less than 10%	0,09	less than 50%	15 years
Cooper E	61GC	SE072	136,0	less than 28%	220.000 / 186.000	less than 10%	0,11	less than 50%	15 years
Cooper SE	21GC, 22GC	SE072	136,0	less than 28%	220.000 / 186.000	less than 10%	0,11	less than 50%	15 years
Countryman E	41GA, 42GA	SE013	232,0	less than 28%	237.000 / 202.000	less than 10%	0,04	less than 50%	15 years
Countryman SE ALL4	51GA, 52GA	SE012	232,0	less than 28%	237.000 / 202.000	less than 10%	0,04	less than 50%	15 years
JCW Aceman E	21HF, 22HF	SE073	136,0	less than 28%	220.000 / 186.000	less than 10%	0,11	less than 50%	15 years
JCW E	11HF, 12HF	SE072	136,0	less than 28%	220.000 / 186.000	less than 10%	0,11	less than 50%	15 years

SOCE

The state of health of the battery (SOCE, State of Certified Energy) indicates the percentage of momentarily available energy compared to the maximum usable energy in the new vehicle. To read out the current state of health for your vehicle, please log into MINI ConnectedDrive using your MINI ID.

https://www.mini.co.uk/en_EN/shop/ls/cp/connected-drive

You can request a digital vehicle archive in the CarData portal. You will receive a table of all the stored telematics data, including the SOCE and the time of the last recording. The SOCE parameter is indicated as the “State of health of the battery (SOCE)”.

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