Part A – Accompanying document

Information to the performance and durability of electric vehicle batteries according to Art. 10 Paragraph 1 and Annex IV of the Regulation (EU) 2023/1542.

Performance and durability[1] parameters		
Type designation	**B8 408 01 1, B8 213 01 1**	**B8 413 01 1[2]**
Rated capacity	157Ah	314Ah
Capacity fade[3]	10%	10%
Power	206kW	412kW
Power fade[3]	8%	8%
Internal resistance	124mΩ	62mΩ
Internal resistance increase[3]	8%	8%
Energy round trip efficiency	96%	96%
Energy round trip efficiency fade[3]	1%	1%
Expected minimum lifetime of the battery under reference conditions, for which it is designed for[4].	500MWh of total energy throughput[5] or 12 years, whichever comes first.	1000MWh of total energy throughput[5] or 12 years, whichever comes first.

1 Information according to the regulation (EU) 2023/1542. The mentioned values refer to the reference conditions and are not guaranteed values. The actual values in vehicle use can vary depending on various factors like the ambient temperature and battery temperature, state of charge and the user profile. Tips and advice for using and charging the vehicle can be found in the vehicle manual.

2 B8 413 01 1 is two B8 213 01 1 packs connected mechanically in parallel. Electrically it performs like two B8 213 01 1, therefore the rated capacity, power, internal resistance and expected minimum lifetime are considered accordingly.

3 All results refer to test conditions with SOC window of 7-82% at 25°C and during 0.75C/1C charge/discharge cycles after 400MWh of total energy throughput.

4 Minimum lifetime of the high-voltage battery according to the warranty conditions, 7-82% SOC window and charge rate of C/2.

5 The total accumulated charged and discharged energy