

Battery Health Check

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Assessment ID
A2137D34

Test date: 14/10/2026 [10:48]

Tested by: **Invicta Preston**

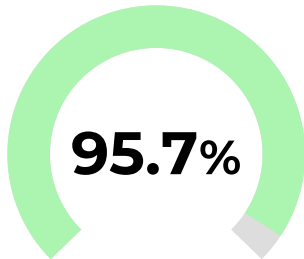
Vehicle information

Make	MERCEDES-BENZ	Registration	FX72RNO
Model	EQA 250+ SPORT	First registered	14/09/2022
VIN	W1N9N0CB3PJ044352	Mileage	64,971

Battery health

Battery capacity **70.5 kWh | 76.0 kWh**
Capacity when new (usable | nominal).

State of health
Percentage of original capacity currently available.



Cell voltage difference **43 mV**
Measures how evenly the battery's cells are balanced.

Real range

This is the estimated real-world driving range this vehicle is expected to achieve under different conditions, based on its battery health. It is calculated using Generational's own model, derived from real-world driving data.

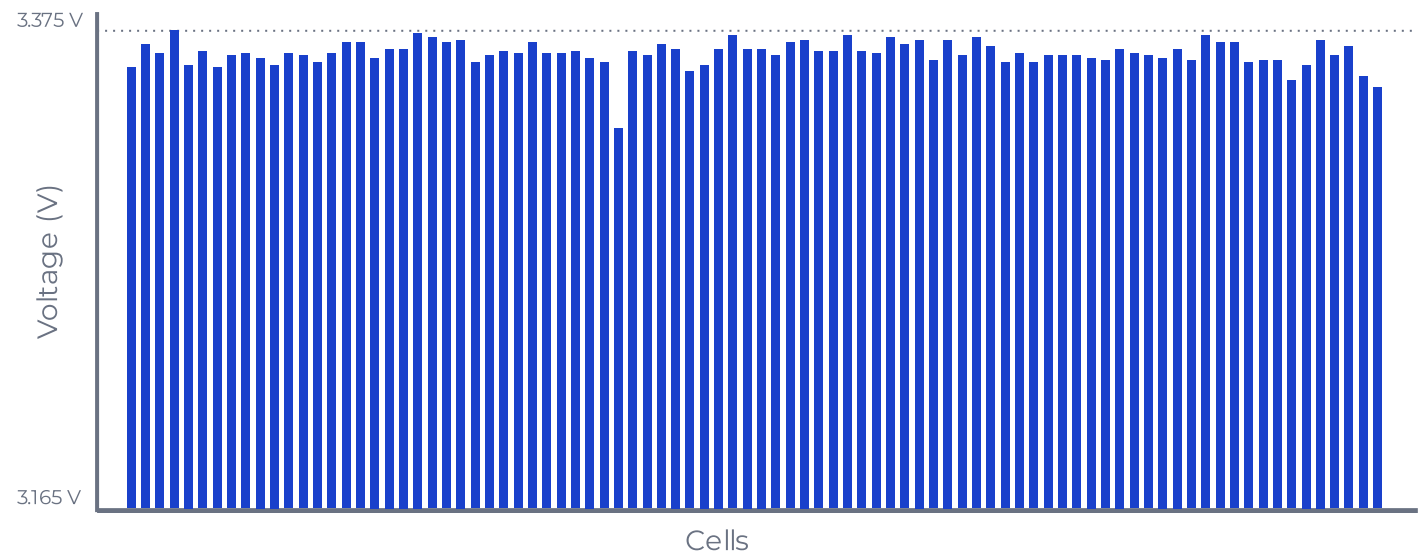
	Urban driving	Mixed driving	Motorway driving
Summer	280 miles	252 miles	225 miles
Winter	242 miles	222 miles	203 miles



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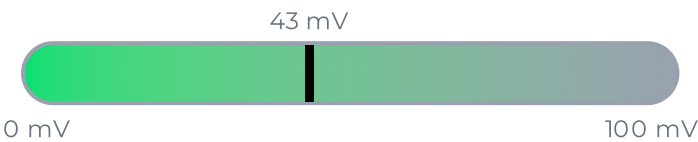
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Cell voltage balance



Voltage difference between cells

Min voltage: 3.332 V
Max voltage: 3.375 V



If the cell voltages are unbalanced, charge the vehicle to full, wait for a minimum of 2 hours and then retest.

Battery pack data

Cell group count 88
State of charge* 6%
Pack temperature* 12.0°C
Pack voltage* 296.1 V
Pack current* 2.6 A

*As measured at time of test

About Generational

Generational is an EV battery diagnostics and analytics company headquartered in London.

Our mission is to provide transparency on battery condition and to support the transition to EVs. Generational is backed by the UK government's net zero automotive fund, through the Advanced Propulsion Centre.

Registered in England with Company No. 12677491

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