

Battery Health Check

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Assessment ID
4BBAB871

Test date: 28/08/2026 [11:35]

Tested by: Grange Brentwood

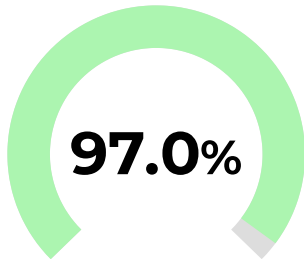
Vehicle information

Make	FORD	Registration	AJ25KUA
Model	EXPLORER PREMIUM EV AWD	First registered	15/08/2025
VIN	WF0RPCEFXSSA67990	Mileage	12,140

Battery health

Battery capacity 79.0 kWh | 84.0 kWh
Capacity when new (usable | nominal).

State of health
Percentage of original capacity currently available.



Cell voltage difference 4 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.

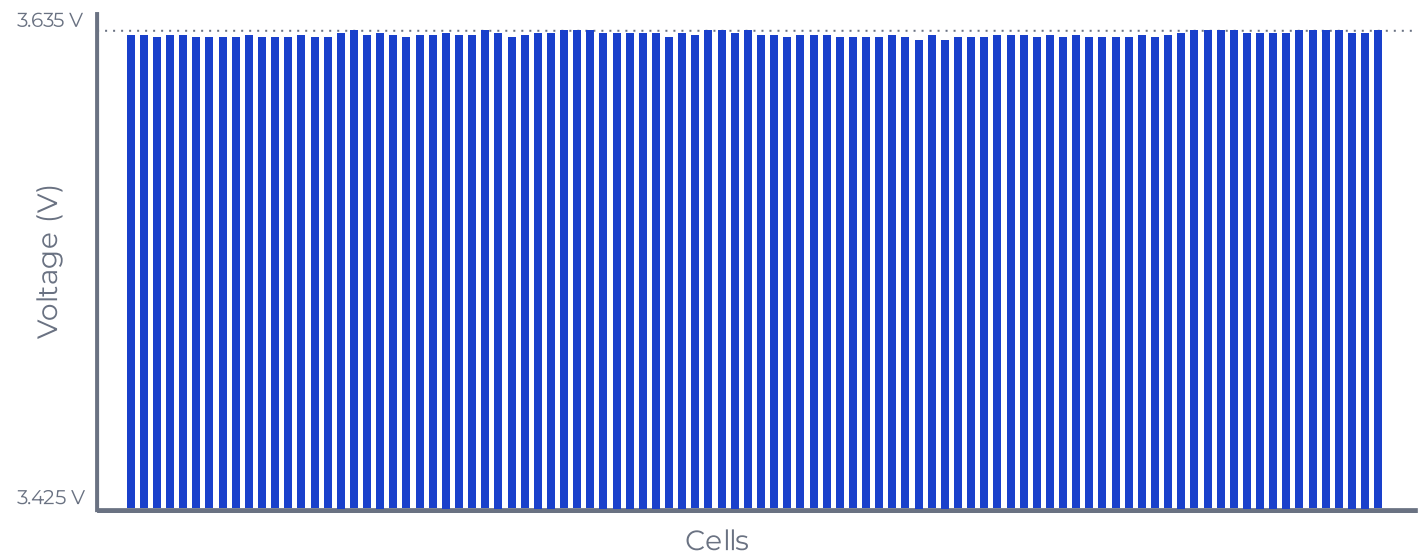
	Urban driving	Mixed driving	Motorway driving
Summer	293 miles	264 miles	235 miles
Winter	258 miles	237 miles	216 miles



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Cell voltage balance



Voltage difference between cells

Min voltage: **3.631 V**

Max voltage: **3.635 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 **96**

State of charge* **38%**

Pack temperature* **20.6°C**

Pack voltage* **348.5 V**

Pack current* **7.5 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.

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