

Battery Health Check

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Assessment ID
C785398D

Test date: 24/09/2026 [09:19]

Tested by: Drive Green

Vehicle information

Make	BMW	Registration	BJ71EDV
Model	IX3 PREMIER EDITION PRO	First registered	28/02/2022
VIN	WBY7X420X0S136069	Mileage	88,885

Battery health

Battery capacity **74.3 kWh | 80.0 kWh**
Capacity when new (usable | nominal).

State of health
Percentage of original capacity currently available.



Cell voltage difference **6 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.

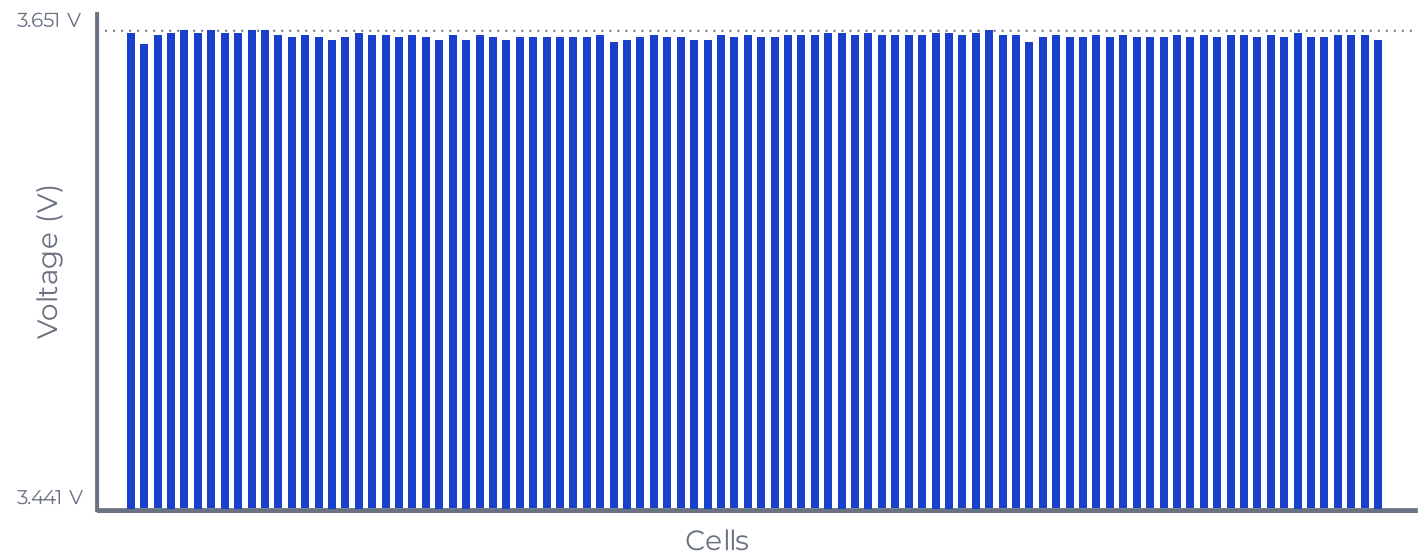
	Urban driving	Mixed driving	Motorway driving
Summer	266 miles	240 miles	214 miles
Winter	234 miles	214 miles	195 miles



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Cell voltage balance



Voltage difference between cells

Min voltage: **3.645 V**

Max voltage: **3.651 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 **94**

State of charge* **43%**

Pack temperature* **17.1°C**

Pack voltage* **343.8 V**

Pack current* **1.0 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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