

Battery Health Check

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Assessment ID
1CFA25A2

Test date: **19/09/2026** [08:33]

Tested by: **Invicta Crawley**

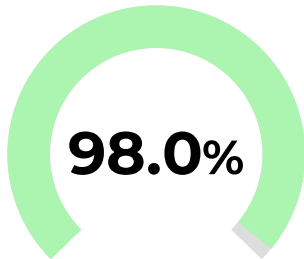
Vehicle information

Make	BMW	Registration	ND23OGH
Model	IXI XDRIVE 30 M SPORT	First registered	02/06/2023
VIN	WBY62EF0305W86626	Mileage	23,997

Battery health

Battery capacity **64.8 kWh | 66.5 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.

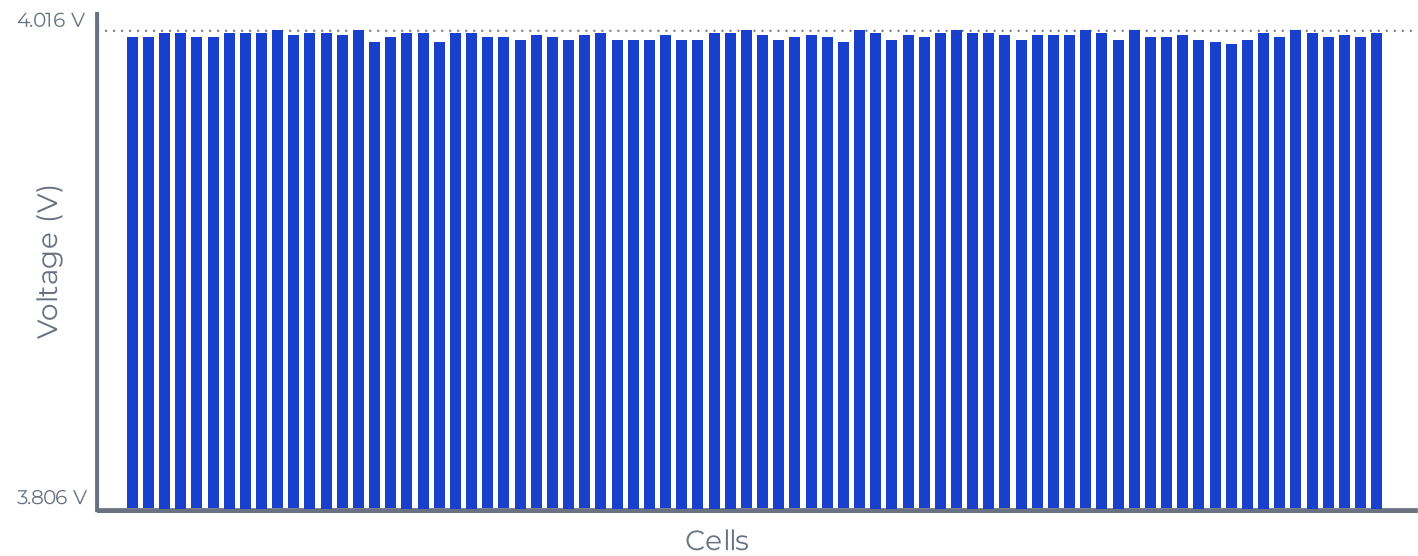
	Urban driving	Mixed driving	Motorway driving
Summer	244 miles	220 miles	196 miles
Winter	209 miles	192 miles	175 miles



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Cell voltage balance



Voltage difference between cells

Min voltage: **4.010 V**

Max voltage: **4.016 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 **78**

State of charge* **82%**

Pack temperature* **17.2°C**

Pack voltage* **313.5 V**

Pack current* **4.1 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

Registered Address: 7 Bell Yard, London, WC2A 2JR
Email: support@generational.ac