

Battery Health Check

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Assessment ID
A265E7BF

Test date: 14/09/2026 [07:58]

Tested by: Invicta Horsham

Vehicle information

Make	BMW	Registration	YF72BZU
Model	I4 EDRIVE40 M SPORT	First registered	17/11/2022
VIN	WBY72AW020FN88341		

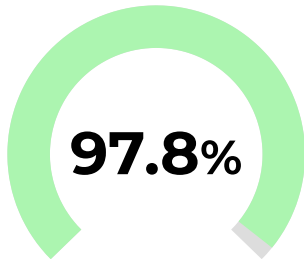
Battery health

Battery capacity 81.3 kWh | 83.9 kWh

Capacity when new (usable | nominal).

State of health

Percentage of original capacity currently available.



Cell voltage difference 9 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.

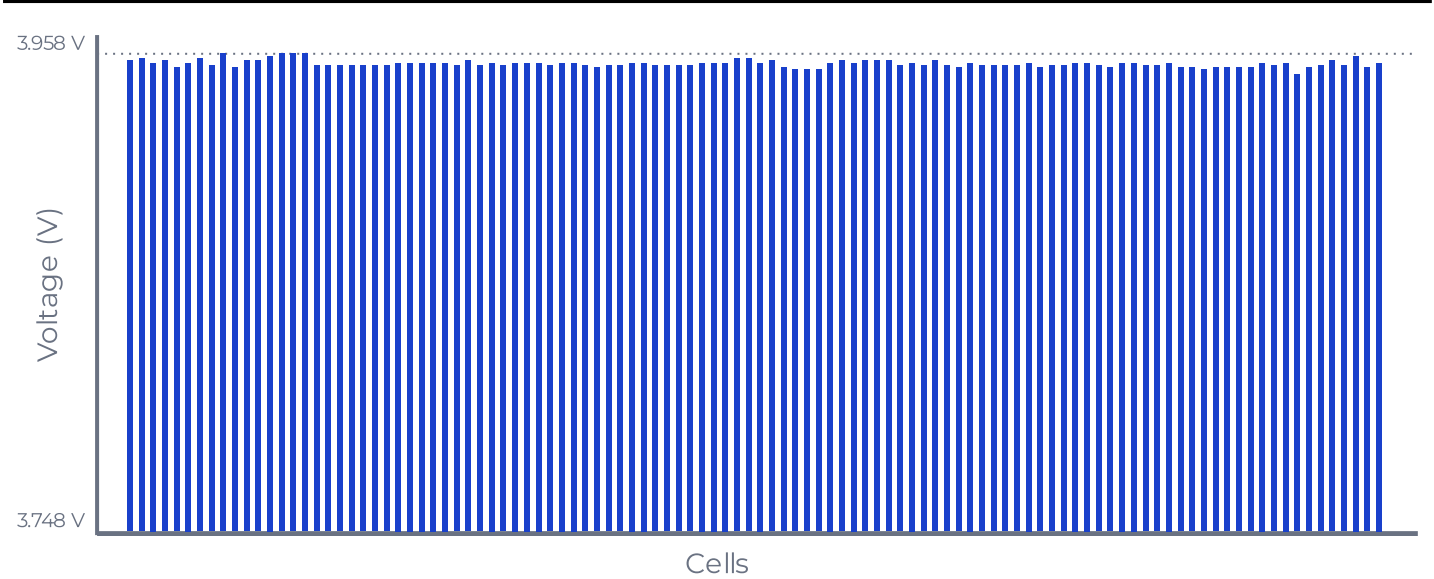
	Urban driving	Mixed driving	Motorway driving
Summer	328 miles	296 miles	264 miles
Winter	289 miles	265 miles	241 miles



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Cell voltage balance



Voltage difference between cells

Min voltage: **3.949 V**

Max voltage: **3.958 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 **108**

State of charge* **74%**

Pack temperature* **21.7°C**

Pack voltage* **427.9 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.

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