

Battery Health Check

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Assessment ID
BC092F9C

Test date: 25/09/2026 [16:26]

Tested by: **Invicta Ashford**

Vehicle information

Make	BMW	Registration	LM70POF
Model	I3	First registered	27/11/2020
VIN	WBY8P220407H09496	Mileage	11,461

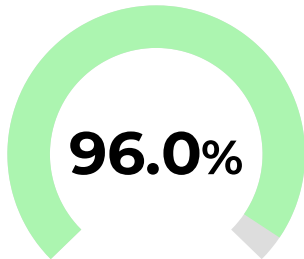
Battery health

Battery capacity **37.9 kWh | 42.2 kWh**

Capacity when new (usable | nominal).

State of health

Percentage of original capacity currently available.



Cell voltage difference **3 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	165 miles	149 miles	132 miles
Winter	131 miles	120 miles	109 miles



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Cell voltage balance

Voltage difference between cells

Min voltage: **3.570 V**

Max voltage: **3.573 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

State of charge* **20%**

Pack temperature* **20.0°C**

Pack current* **4.8 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