

Battery Health Check



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Assessment ID
C1FCB8F6

Test date: 09/07/2026 [10:58]

Tested by: Drive Green

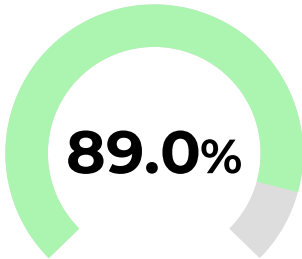
Vehicle information

Make	BMW	Registration	VO18AYY
Model	I3S	First registered	08/03/2018
VIN	WBY7Z62030VB87954	Mileage	49,308

Battery health

Battery capacity 27.2 kWh | 33.0 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	138 miles	102 miles	80 miles
Winter	89 miles	76 miles	62 miles

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Cell voltage balance

Voltage difference between cells

Min voltage: **3.970 V**

Max voltage: **3.974 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* **89%**

Pack temperature* **21.0°C**

Pack current* **3.5 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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