

Battery Health Check

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Assessment ID
D48EF87E

Test date: 28/08/2026 [11:22]

Tested by: Grange Brentwood

Vehicle information

Make	JAGUAR	Registration	KW24YDH
Model	I-PACE SPORT	First registered	17/05/2024
VIN	SADHA2A1XR1633751	Mileage	29,337

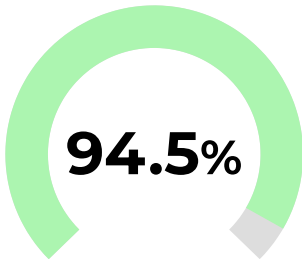
Battery health

Battery capacity 84.7 kWh | 90.0 kWh

Capacity when new (usable | nominal).

State of health

Percentage of original capacity currently available.



Cell voltage difference 20 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	226 miles	204 miles	182 miles
Winter	200 miles	184 miles	167 miles



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Cell voltage balance

Voltage difference between cells

Min voltage: **3.629 V**

Max voltage: **3.649 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* **46%**

Pack temperature* **23.0°C**

Pack voltage* **392.6 V**

Pack current* **9.7 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

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