

Battery Health Check

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Assessment ID
5AA80A27

Test date: 18/09/2026 [09:50]

Tested by: Invicta Northampton

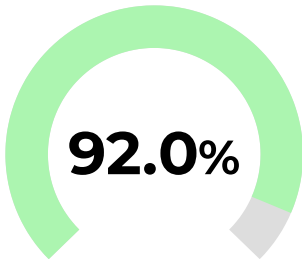
Vehicle information

Make	AUDI	Registration	FP23VDF
Model	Q4 E-TRON S LINE 35	First registered	19/06/2023
VIN	WAUZZZFZ9PP035836	Mileage	39,292

Battery health

Battery capacity 51.5 kWh | 55.0 kWh
Capacity when new (usable | nominal).

State of health
Percentage of original capacity currently available.



Cell voltage difference 5 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.

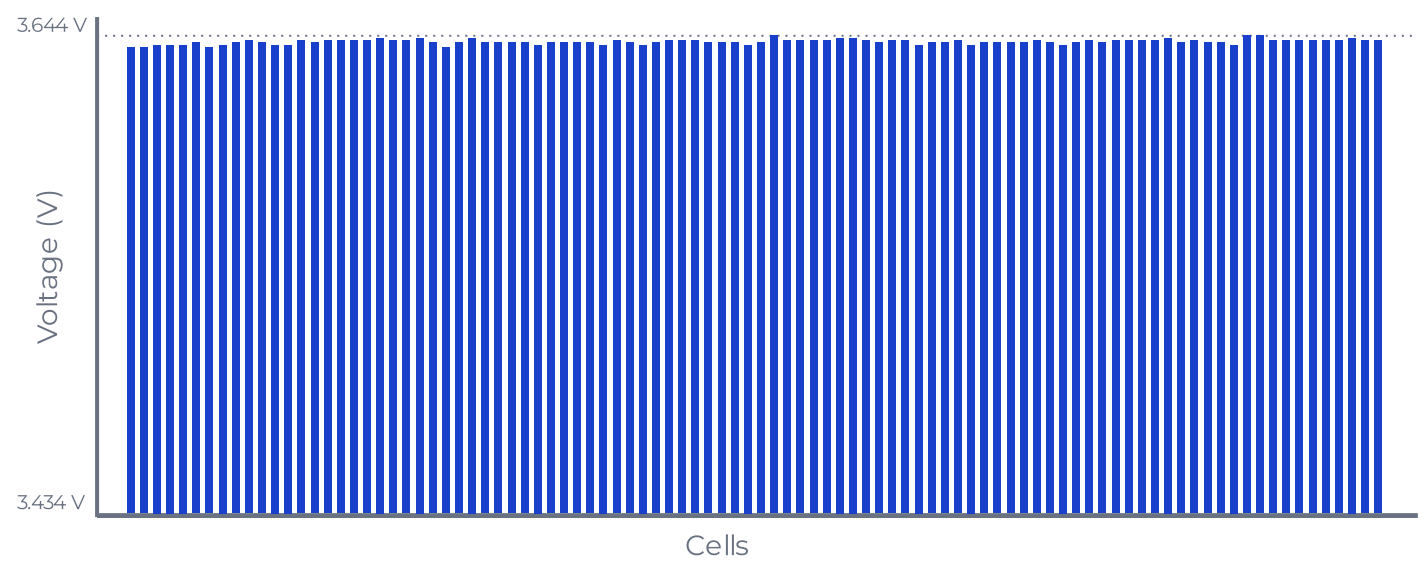
	Urban driving	Mixed driving	Motorway driving
Summer	179 miles	162 miles	144 miles
Winter	151 miles	138 miles	126 miles



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Cell voltage balance



Voltage difference between cells

Min voltage: **3.639 V**

Max voltage: **3.644 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 **96**

State of charge* **41%**

Pack temperature* **14.6°C**

Pack voltage* **349.8 V**

Pack current* **5.0 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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