

Battery Health Check

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GENERATIONAL⁺[Verify online](#)Assessment ID
D415D486Test date: **17/09/2026** [09:52]Tested by: **Drive Green**

Vehicle information

Make	VOLKSWAGEN	Registration	VK21YZN
Model	ID4 1ST EDITION	First registered	04/08/2021
VIN	WVGZZZE2ZMP021520	Mileage	38,271

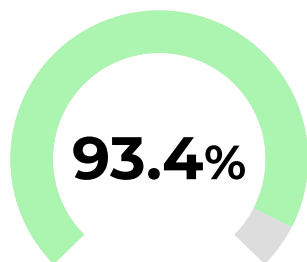
Battery health

Battery capacity **77.0 kWh | 82.0 kWh**

Capacity when new (usable | nominal).

State of health

Percentage of original capacity currently available.

Cell voltage difference **11 mV**

Measures how evenly the battery's cells are balanced.

Real range

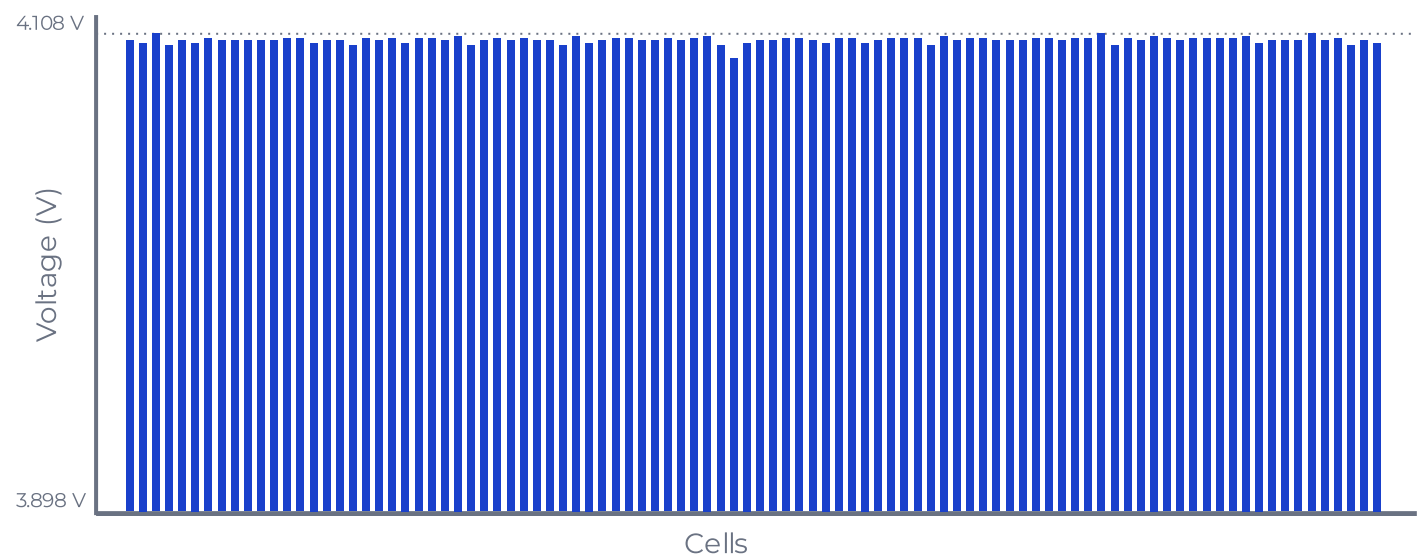
This is the estimated real-world driving range this vehicle is expected to achieve under different conditions, based on its battery health. It is calculated using Generational's own model, derived from real-world driving data.

	Urban driving	Mixed driving	Motorway driving
Summer	265 miles	239 miles	213 miles
Winter	231 miles	213 miles	194 miles

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Cell voltage balance



Voltage difference between cells

Min voltage: **4.097 V**

Max voltage: **4.108 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* **89%**

Pack temperature* **14.0°C**

Pack voltage* **393.8 V**

Pack current* **2.8 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.

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