

Battery Health Check

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Assessment ID
744B34A4

Test date: 20/08/2026 [13:55]

Tested by: Drive Green

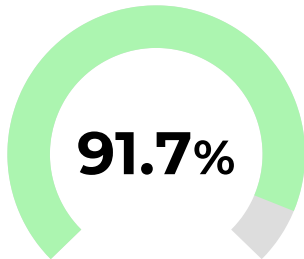
Vehicle information

Make	FIAT	Registration	FV22AYZ
Model	500E ICON	First registered	31/03/2022
VIN	ZFAEFAC41NX063171	Mileage	21,173

Battery health

Battery capacity **37.3 kWh | 42.0 kWh**
Capacity when new (usable | nominal).

State of health
Percentage of original capacity currently available.



Cell voltage difference **12 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.

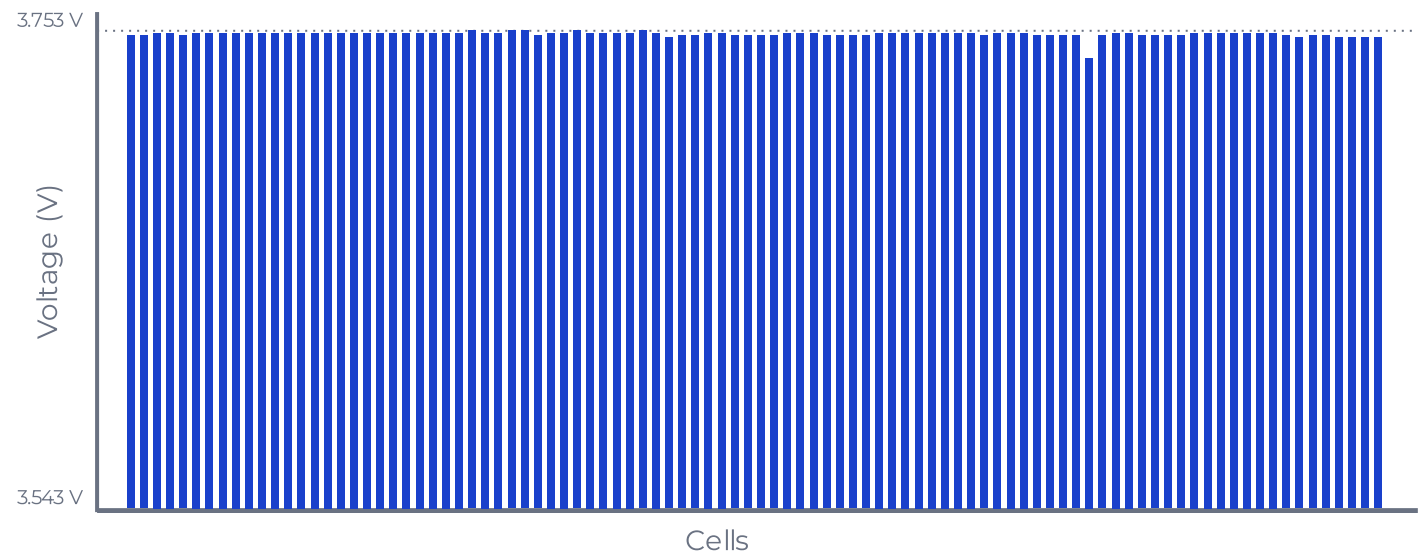
	Urban driving	Mixed driving	Motorway driving
Summer	167 miles	150 miles	134 miles
Winter	133 miles	122 miles	111 miles



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Cell voltage balance



Voltage difference between cells

Min voltage: **3.741 V**

Max voltage: **3.753 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* **58%**

Pack temperature* **16.0°C**

Pack voltage* **327.0 V**

Pack current* **0.7 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.

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