

Battery Health Check

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GENERATIONAL⁺[Verify online](#) Assessment ID
D60D70D6Test date: **21/09/2026** [16:18]Tested by: **Invicta Chelmsford**

Vehicle information

Make	FORD	Registration	EK21YFP
Model	KUGA ST-LN X FIRST ED	First registered	29/04/2021
VIN	WF0FXXWPMHLC61788	Mileage	23,188

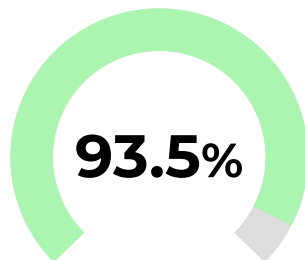
Battery health

Battery capacity **12.0 kWh | 14.4 kWh**

Capacity when new (usable | nominal).

State of health

Percentage of original capacity currently available.

Cell voltage difference **16 mV**

Measures how evenly the battery's cells are balanced.

Real range

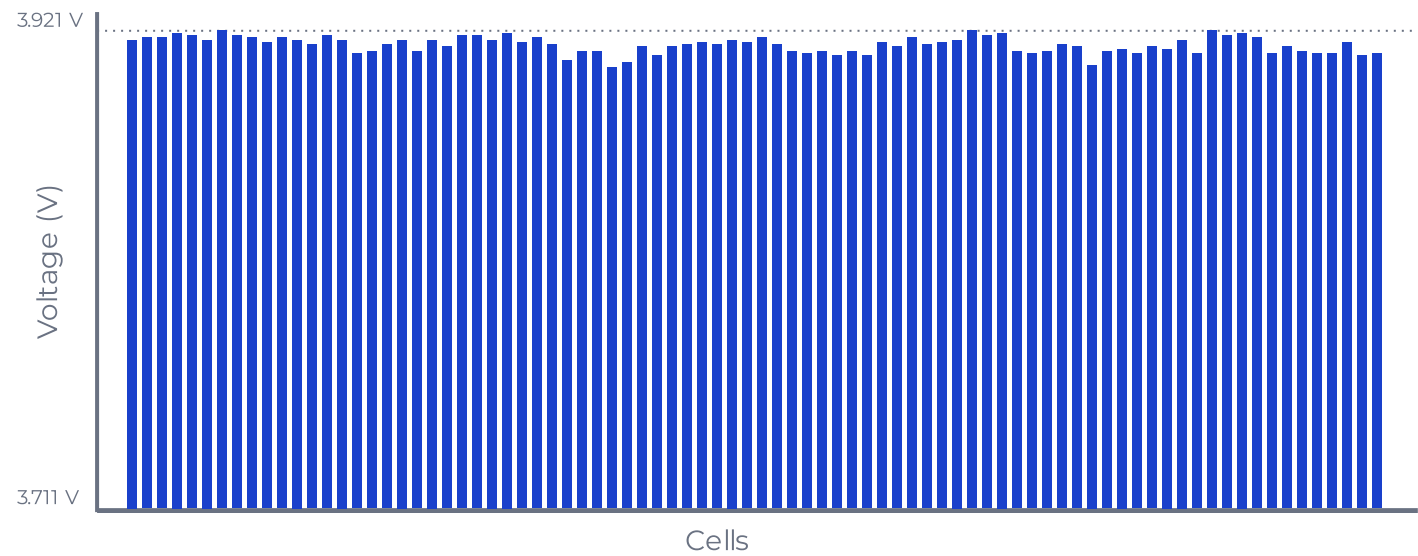
This is the estimated real-world driving range this vehicle is expected to achieve under different conditions, based on its battery health. It is calculated using Generational's own model, derived from real-world driving data.

	Urban driving	Mixed driving	Motorway driving
Summer	33 miles	28 miles	22 miles
Winter	27 miles	22 miles	18 miles

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Cell voltage balance



Voltage difference between cells

Min voltage: **3.905 V**

Max voltage: **3.921 V**



Battery pack data

Cell group count **84**

State of charge* **77%**

Pack temperature* **25.0°C**

Pack voltage* **328.0 V**

*As measured at time of test

If the cell voltages are unbalanced, charge the vehicle to full, wait for a minimum of 2 hours and then retest.

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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