

Battery Health Check

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Assessment ID
82960620

Test date: 14/09/2026 [08:06]

Tested by: Blackshaws

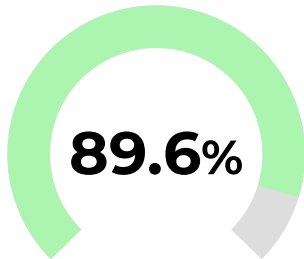
Vehicle information

Make	MG	Registration	NL21FSG
Model	5 EXCITE	First registered	07/05/2021
VIN	LSJE24094MG022195	Mileage	44,683

Battery health

Battery capacity **48.8 kWh | 52.5 kWh**
Capacity when new (usable | nominal).

State of health
Percentage of original capacity currently available.



Module voltage difference **8 mV**
Measures how evenly the battery's modules 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.

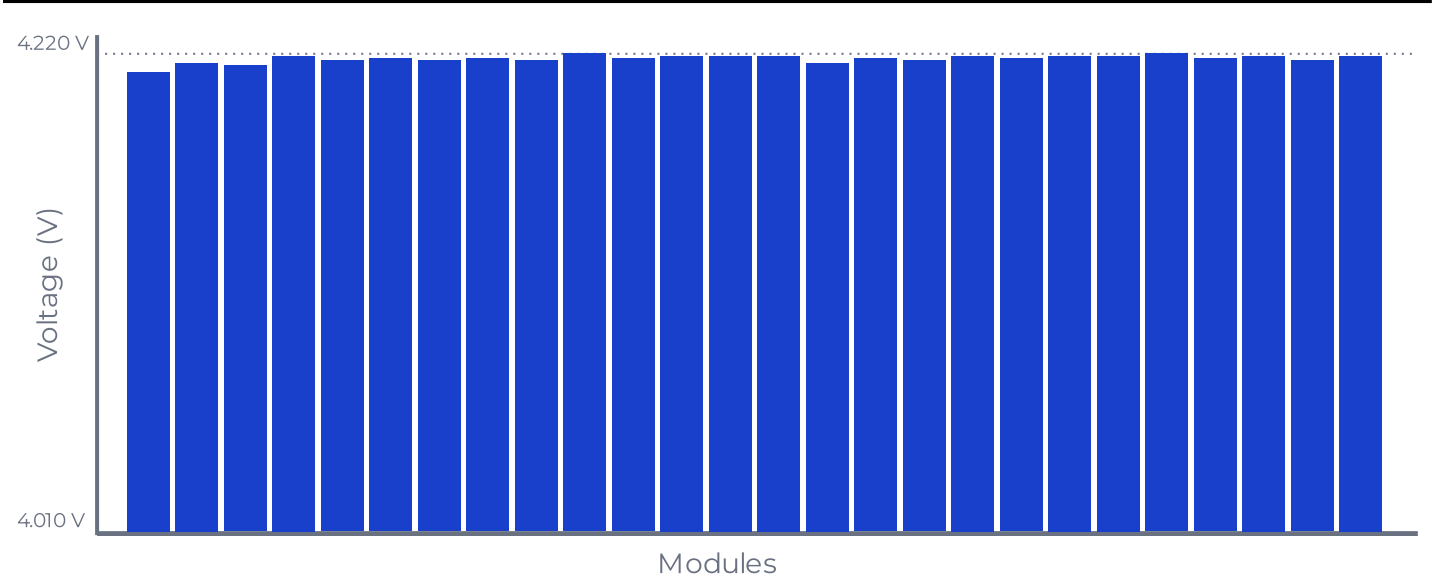
	Urban driving	Mixed driving	Motorway driving
Summer	175 miles	158 miles	141 miles
Winter	143 miles	131 miles	119 miles



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Module voltage balance



Voltage difference between modules

Min voltage: **4.212 V**

Max voltage: **4.220 V**



Battery pack data

Module count **26**

State of charge* **97%**

Pack temperature* **15.0°C**

Pack voltage* **405.0 V**

*As measured at time of test

If the module 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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