

Battery Health Check

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Assessment ID
B9865BD0

Test date: 12/10/2026 [10:58]

Tested by: Invicta Croydon

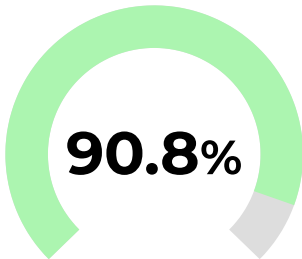
Vehicle information

Make	MG	Registration	GF23WUX
Model	ZS TROPHY EV	First registered	23/05/2023
VIN	LSJW74096PZ159735	Mileage	18,939

Battery health

Battery capacity 49.0 kWh | 51.1 kWh
Capacity when new (usable | nominal).

State of health
Percentage of original capacity currently available.



Module voltage difference 2 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.

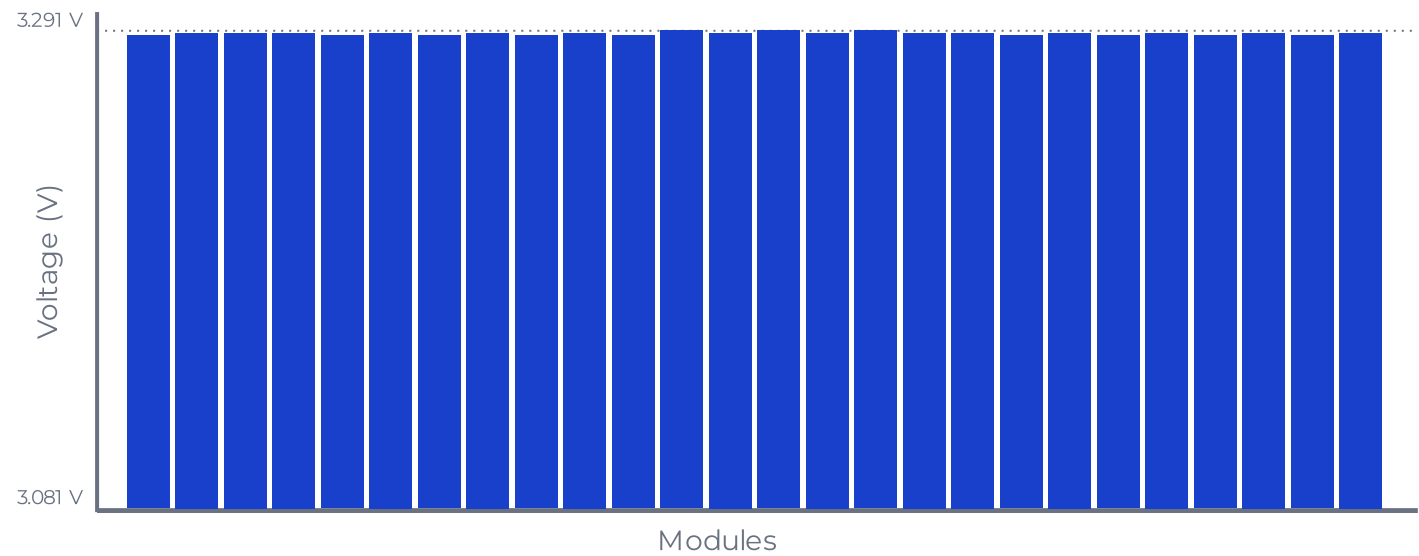
	Urban driving	Mixed driving	Motorway driving
Summer	164 miles	148 miles	132 miles
Winter	135 miles	124 miles	113 miles



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Module voltage balance



Voltage difference between modules

Min voltage: **3.289 V**

Max voltage: **3.291 V**



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

Battery pack data

Module count **26**

State of charge* **49%**

Pack temperature* **14.5°C**

Pack voltage* **394.2 V**

*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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