

Battery Health Check



Scan to verify

Assessment ID
E788A0AA

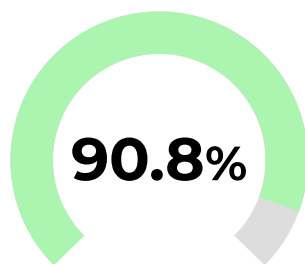
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GENERATIONAL⁺ Test date: **19/05/2026** [13:33] Tested by: **Blackshaws**

Vehicle information

Make	MG	Registration	NJ25T ZV
Model	ZS TROPHY CONNECT EV	First registered	30/07/2025
VIN	LSJW74095PZ254951	Mileage	4,490

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 **72 mV**
Measures how evenly the battery's modules are balanced.

Manufacturer battery warranty

Warranty info is indicative only based on duration, registration date and mileage. Check manufacturer's specific T&Cs to ensure validity.

Miles	100,000
Duration	8 years
Provider	MG
In warranty period	Yes
Remaining duration	7 years, 3 months
Remaining miles	95,509

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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This is a point-in-time assessment for information purposes only.

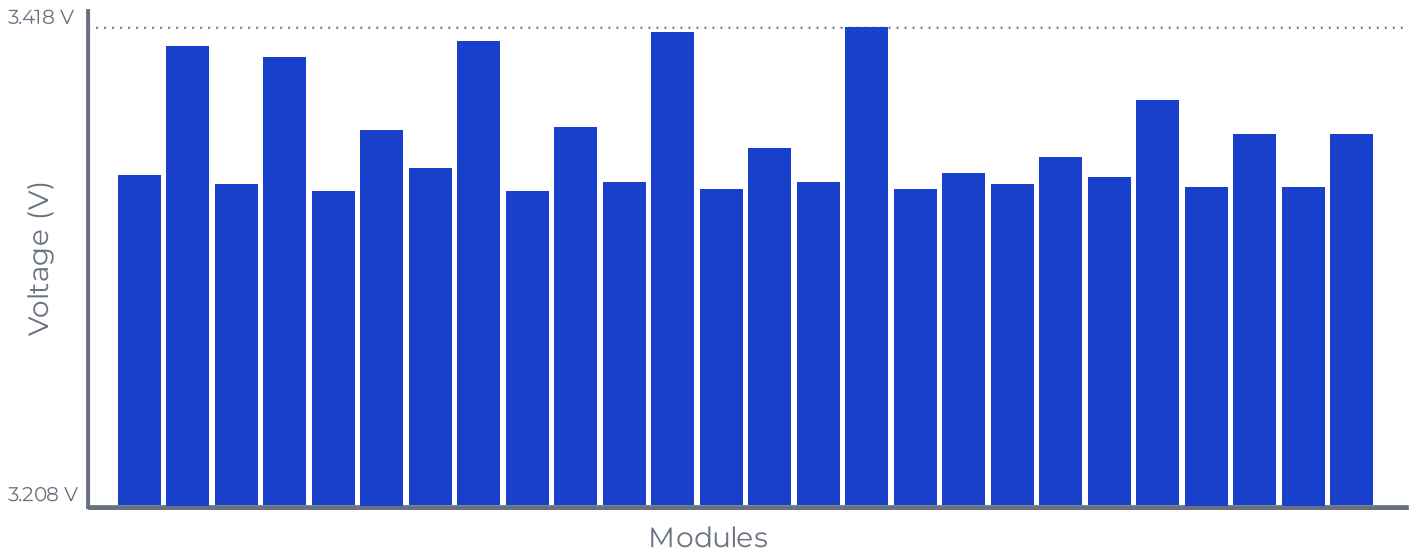
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Module voltage balance



Voltage difference between modules

Min voltage: **3.346 V**
 Max voltage: **3.418 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* **100%**
 Pack temperature* **12.0°C**
 Pack voltage* **402.8 V**
 Pack current* **1.9 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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