

Battery Health Check

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Assessment ID
24DA2E4C

Test date: 12/10/2026 [10:52]

Tested by: Invicta Croydon

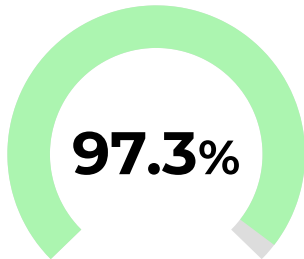
Vehicle information

Make	MG	Registration	YB72GKY
Model	ZS TROPHY CONNECT EV	First registered	30/12/2022
VIN	LSJW74092NZ231785	Mileage	63,837

Battery health

Battery capacity 68.3 kWh | 72.6 kWh
Capacity when new (usable | nominal).

State of health
Percentage of original capacity currently available.



Module voltage difference 19 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.

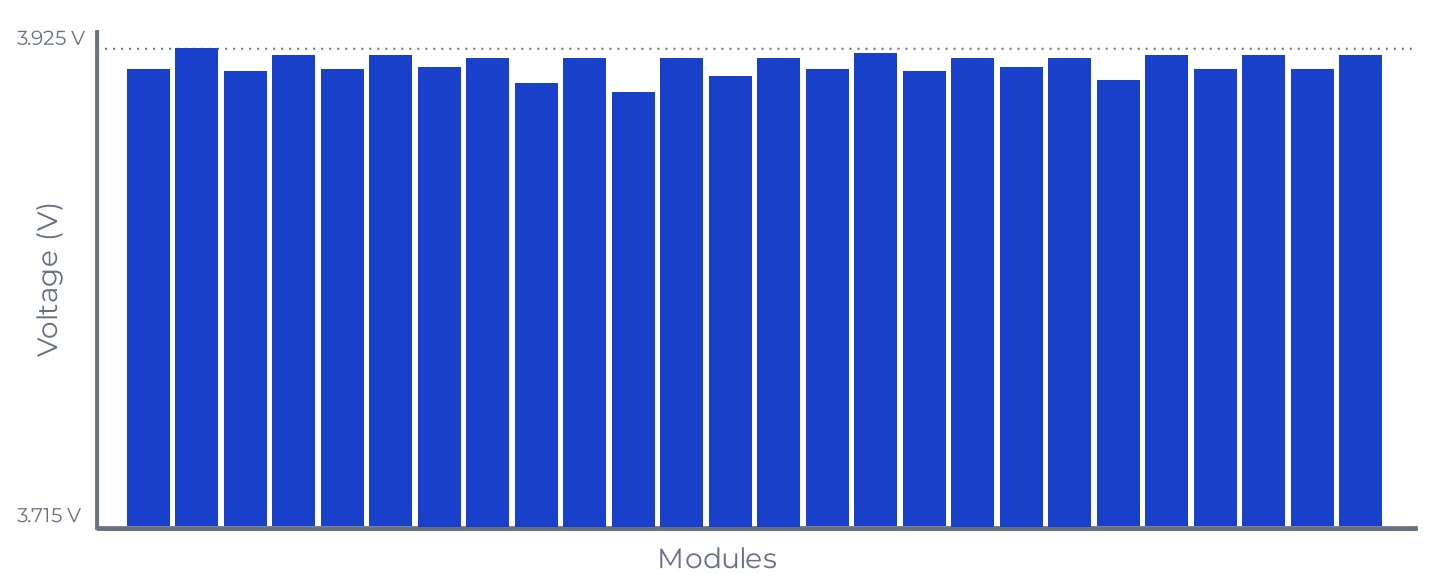
	Urban driving	Mixed driving	Motorway driving
Summer	243 miles	219 miles	195 miles
Winter	205 miles	188 miles	171 miles



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Module voltage balance



Voltage difference between modules

Min voltage: **3.906 V**

Max voltage: **3.925 V**



Battery pack data

Module count **26**

State of charge* **69%**

Pack temperature* **14.0°C**

Pack voltage* **375.5 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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