

# Battery Health Check

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5AF33D8CTest date: **25/08/2026** [10:11]Tested by: **Invicta Canterbury**

## Vehicle information

|       |                          |                  |                   |
|-------|--------------------------|------------------|-------------------|
| Make  | <b>MG</b>                | Registration     | <b>GN69XYW</b>    |
| Model | <b>ZS EXCITE EV</b>      | First registered | <b>17/12/2019</b> |
| VIN   | <b>SDPW7BB3FKZ170670</b> | Mileage          | <b>40,020</b>     |

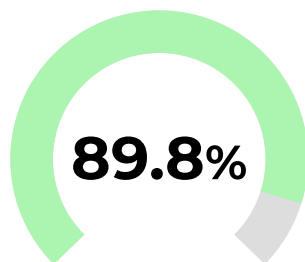
## Battery health

Battery capacity **42.5 kWh | 44.5 kWh**

Capacity when new (usable | nominal).

State of health

Percentage of original capacity currently available.

Module voltage difference **6 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 | <b>134 miles</b> | <b>121 miles</b> | <b>107 miles</b> |
| Winter | <b>108 miles</b> | <b>99 miles</b>  | <b>91 miles</b>  |

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## Module voltage balance

### Voltage difference between modules

Min voltage: **3.648 V**

Max voltage: **3.654 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

State of charge\* **35%**

Pack temperature\* **19.0°C**

Pack voltage\* **394.8 V**

Pack current\* **1.2 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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