INDEPENDENT
BATTERY CERTIFICATE

AVILOO
BATTERY DIAGNOSTICS

CERTIFICATE NUMBER: 7B64D107-BAE8-4857-93CD-9D776AAA5BCA

VEHICLE

BRAND: MG Automotive
MODEL: Marvel R - 69,9 kWh

MILEAGE: 56,808 km
VIN: LSJE24099NS094086
DATE AND TIME:
24.11.2025, 09:36:18

EXECUTED BY: Carla AB

RESULTS

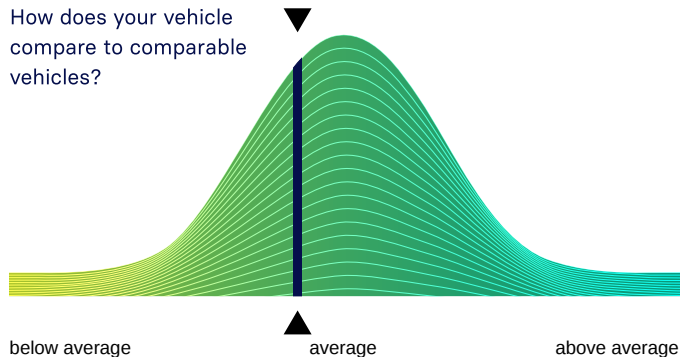### STATE OF HEALTH (SOH)

94.8 %

ENERGY   62kWh | 65kWh

WLTP RANGE   381km | 402km

BENCHMARKING
How does your vehicle compare to comparable vehicles?

below average   average   above average

CHECKS

Battery Management System (BMS)	✓
Battery Sensor	✓
Battery Measurements	✓
Battery Cell Voltages	✓
Vehicle Communication	✓

SCAN FOR DETAILS

EVALUATION

GOOD HEALTH - NO ABNORMALITIES DETECTED

Based on the detailed battery diagnostics performed with the AVILOO FLASH Test, we hereby certify that the drive battery of this vehicle is in good condition.

The drive battery is therefore officially AVILOO Certified.

Marcus Berger

Dr. Marcus Berger, CEO

CARA
Approved Battery Health Check

AVILOO CERTIFIED
· THIS BATTERY IS TESTED AND AVILOO CERTIFIED ·

ENERGY

	Gross	Net (Nominal)	Usable
Current:	66.3kWh	61.6kWh	58.5kWh
New:	69.9kWh	65.0kWh	61.7kWh

RANGE

	WLTP	Typical
Current:	351-381km	265km
New:	370-402km	280km

EXECUTION PROTOCOL

AVILOO Box connected.	09:36:15
FLASH Test started.	✔
Vehicle detected.	✔
Starting data acquisition.	✔
Finished data acquisition.	✔
Analyzing data.	✔
Analysis completed.	✔

SENSORS

Voltage Sensor	✔
Current Sensor	✔
Temperature Sensors	✔
Cell Voltage Sensors	✔

BMS

	Value	Status
BMS State of Charge (SoC)*:	29%	
SoC calculation accuracy:		✔
BMS State of Health (SoH)*:	95%	
SoH calculation accuracy:		✔

MEASUREMENTS

	Min	Max	Delta	Status
Battery Temperature	14.5°C	16.5°C	2.0°C	✔
Cell Voltage	3.612V	3.622V	10mV	✔
Pack Voltage	347.0V			
Average Current	-1.8A			

7B64D107-BAE8-4857-93CD-9D776AAA5BCA