

Battery Health Check



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6C915C56 Test date: **25/06/2026** [09:48] Tested by: **Drive Green**

Vehicle information

Make	VAUXHALL	Registration	SB22XKM
Model	MOKKA ULTIMATE EV	First registered	19/08/2022
VIN	VXKUKZKXZNW053422	Mileage	10,387

Battery health

Battery capacity **46.3 kWh | 50.0 kWh**
Capacity when new (usable | nominal).State of health
Percentage of original capacity currently available.Cell voltage difference **20 mV**
Measures how evenly the battery's cells 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	184 miles	166 miles	148 miles
Winter	151 miles	139 miles	126 miles

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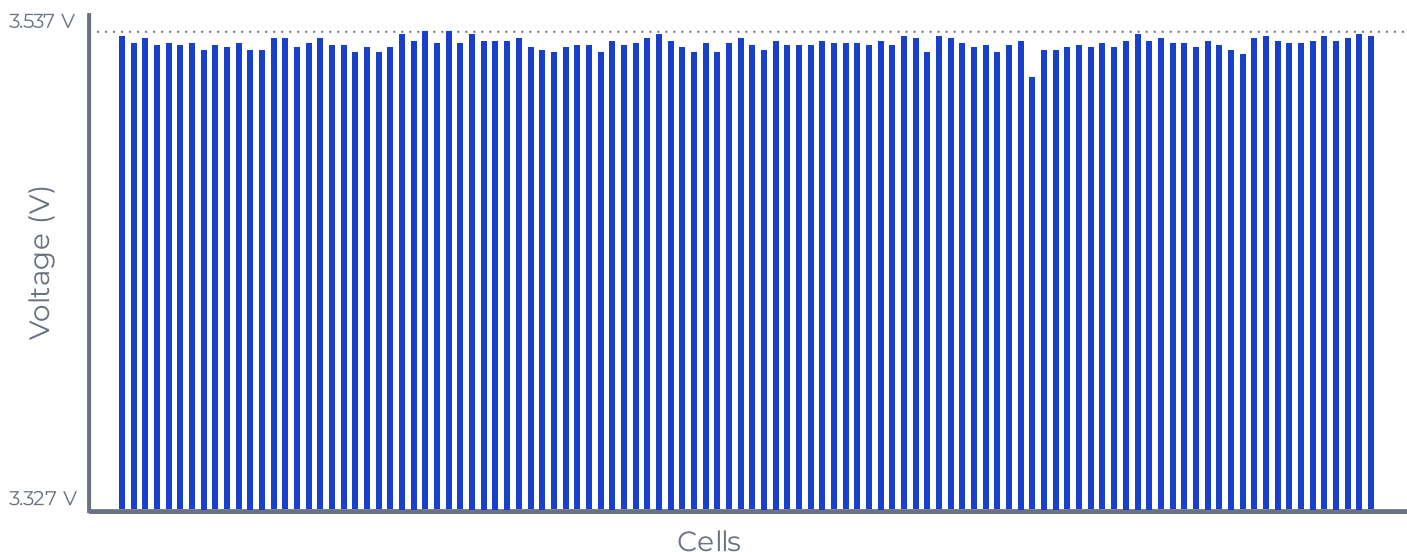
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Manufacturer battery warranty

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	VAUXHALL
In warranty period	Yes
Remaining duration	4 years, 2 months
Remaining miles	89,613

Cell voltage balance



Voltage difference between cells

Min voltage: **3.517 V**

Max voltage: **3.537 V**



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

Battery pack data

Cell group count **108**

State of charge* **21%**

Pack temperature* **31.0°C**

Pack voltage* **381.2 V**

Pack current* **9.5 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.

Registered in England with Company No. 12677491

Registered Address: 7 Bell Yard, London, WC2A 2JR

Email: support@generational.ac

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