

Battery Health Check

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Assessment ID
1D115AE3

Test date: 23/09/2026 [15:43]

Tested by: **Invicta Crawley**

Vehicle information

Make	POLESTAR	Registration	OV74VYE
Model	POLESTAR 2 EV AWD	First registered	30/09/2024
VIN	YSMVSFDE7RL236542	Mileage	8,364

Battery health

Battery capacity **79.0 kWh | 82.0 kWh**

Capacity when new (usable | nominal).

State of health

Percentage of original capacity currently available.



Cell voltage difference **11 mV**

Measures how evenly the battery's cells are balanced.

Real range

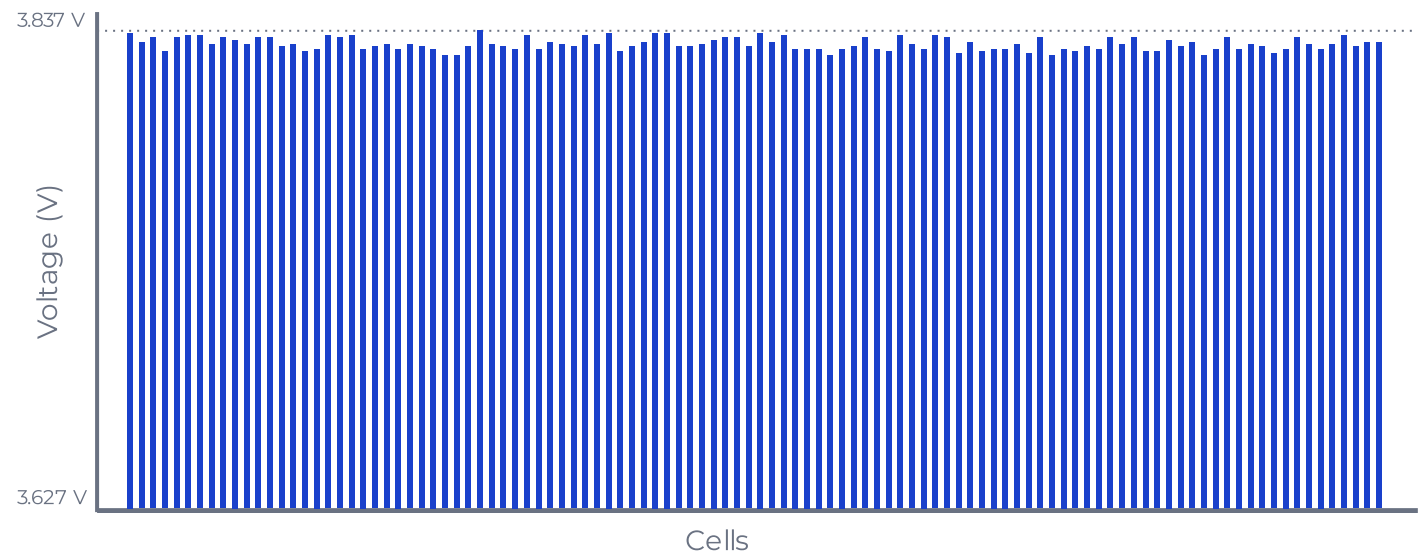
This is the estimated real-world driving range this vehicle is expected to achieve under different conditions, based on its battery health. It is calculated using Generational's own model, derived from real-world driving data.

	Urban driving	Mixed driving	Motorway driving
Summer	342 miles	309 miles	275 miles
Winter	298 miles	274 miles	250 miles

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Cell voltage balance



Voltage difference between cells

Min voltage: **3.826 V**

Max voltage: **3.837 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* **87%**

Pack temperature* **22.0°C**

Pack voltage* **414.0 V**

Pack current* **3.8 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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