

Battery Health Check

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Assessment ID
8A4EA392

Test date: 17/10/2026 [10:51]

Tested by: Grange Birmingham

Vehicle information

Make	POLESTAR	Registration	OE23NNV
Model	POLESTAR 2 PLUS EV AWD	First registered	01/06/2023
VIN	YSMVSET E4PL164157	Mileage	43,085

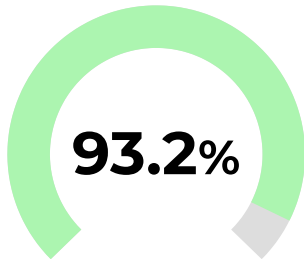
Battery health

Battery capacity 75.0 kWh | 78.0 kWh

Capacity when new (usable | nominal).

State of health

Percentage of original capacity currently available.



Cell voltage difference 3 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.

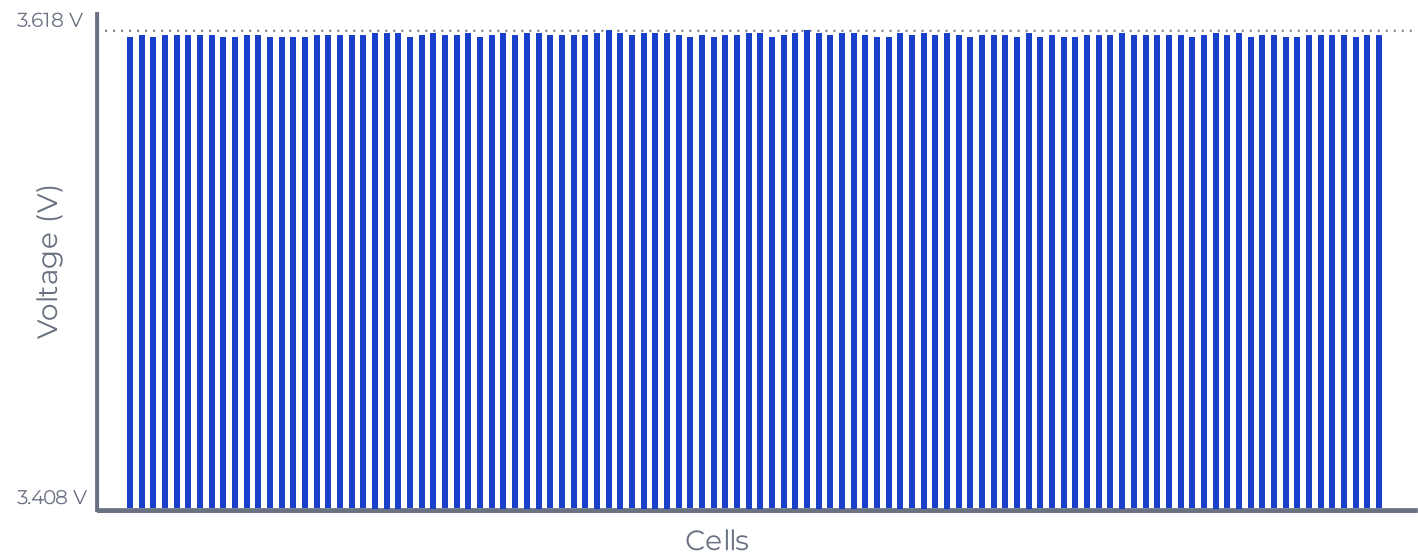
	Urban driving	Mixed driving	Motorway driving
Summer	255 miles	230 miles	205 miles
Winter	221 miles	203 miles	185 miles



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Cell voltage balance



Voltage difference between cells

Min voltage: **3.615 V**

Max voltage: **3.618 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* **85%**

Pack temperature* **9.0°C**

Pack voltage* **390.0 V**

Pack current* **1.8 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.

Registered in England with Company No. 12677491

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