

Battery Health Check



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Assessment ID
4BD27C0D

Test date: 27/07/2026 [15:25]

Tested by: Invicta Horsham

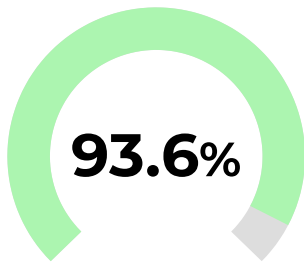
Vehicle information

Make	POLESTAR	Registration	OE23NWA
Model	POLESTAR 2 EV AWD	First registered	22/08/2023
VIN	YSMVSEDE3PL159028	Mileage	6,975

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 **8 mV**
Measures how evenly the battery's cells are balanced.

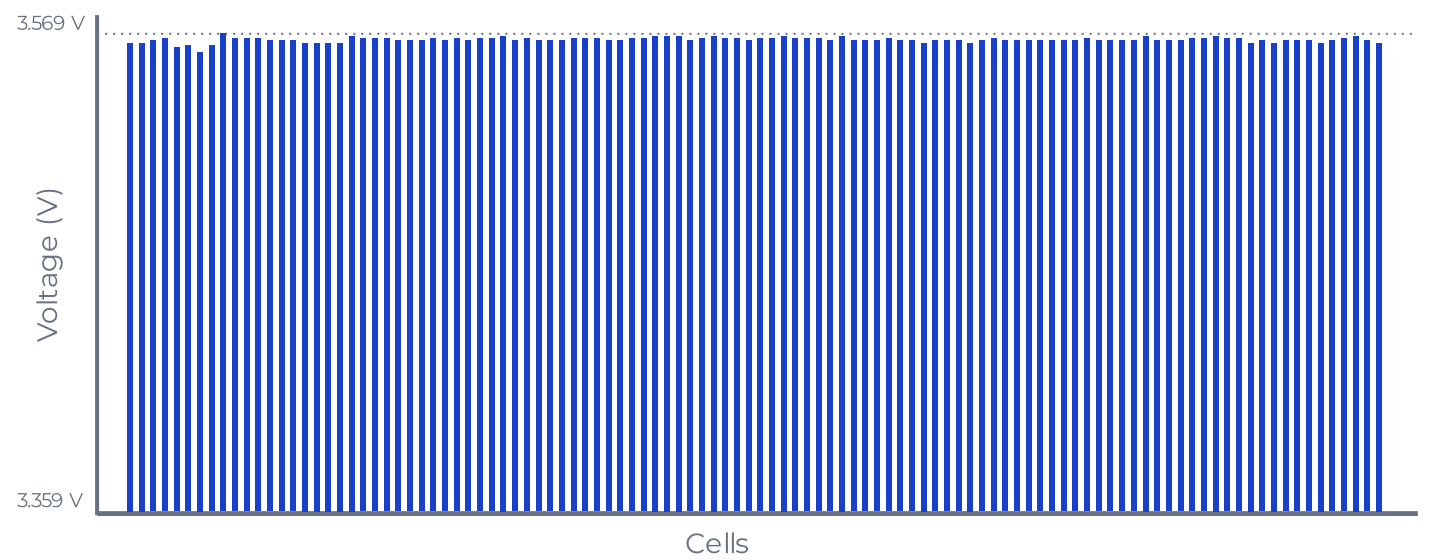
Real range

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	256 miles	231 miles	205 miles
Winter	222 miles	204 miles	186 miles

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Cell voltage balance



Voltage difference between cells

Min voltage: **3.561 V**
Max voltage: **3.569 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* **84%**
Pack temperature* **25.0°C**
Pack voltage* **385.0 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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