

Battery Health Check

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GENERATIONAL⁺[Verify online](#)Assessment ID
042D5F38Test date: **20/10/2026** [16:36]Tested by: **Invicta Warrington**

Vehicle information

Make	PEUGEOT	Registration	BD22ORT
Model	208 ALLURE PREMIUM EV	First registered	31/05/2022
VIN	VR3UHZKXZNT049548	Mileage	28,017

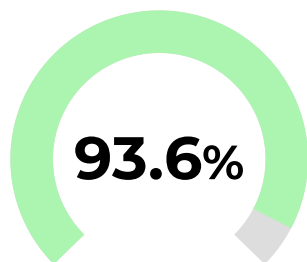
Battery health

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 **22 mV**

Measures how evenly the battery's cells are balanced.

Real range

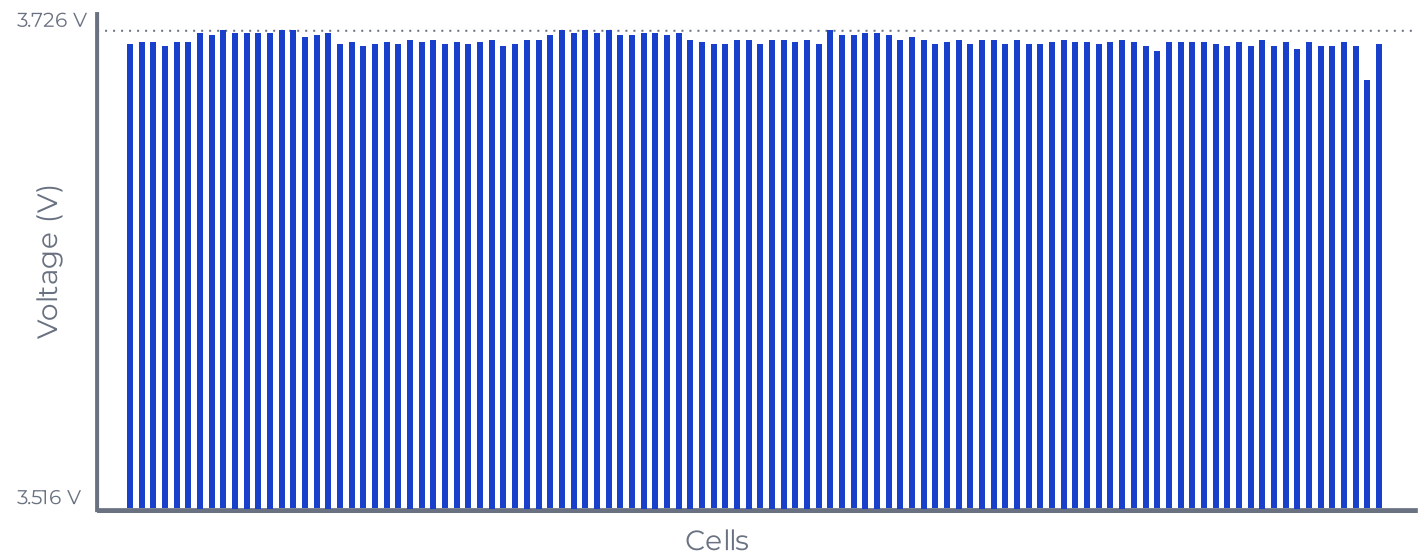
This is the estimated real-world driving range this vehicle is expected to achieve under different conditions, based on its battery health. It is calculated using Generational's own model, derived from real-world driving data.

	Urban driving	Mixed driving	Motorway driving
Summer	186 miles	167 miles	149 miles
Winter	150 miles	138 miles	126 miles

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Cell voltage balance



Voltage difference between cells

Min voltage: 3.704 V
Max voltage: 3.726 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* 56%
Pack temperature* 15.0°C
Pack voltage* 401.9 V
Pack current* 2.1 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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