

Battery Health Check

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Assessment ID
483917E1

Test date: 28/09/2026 [14:23]

Tested by: Drive Green

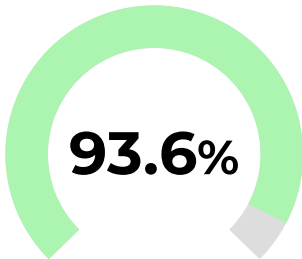
Vehicle information

Make	PEUGEOT	Registration	CA22LHW
Model	208 ALLURE PREMIUM EV	First registered	31/05/2022
VIN	VR3UHZKXZNT 038403	Mileage	12,261

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 **19 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.

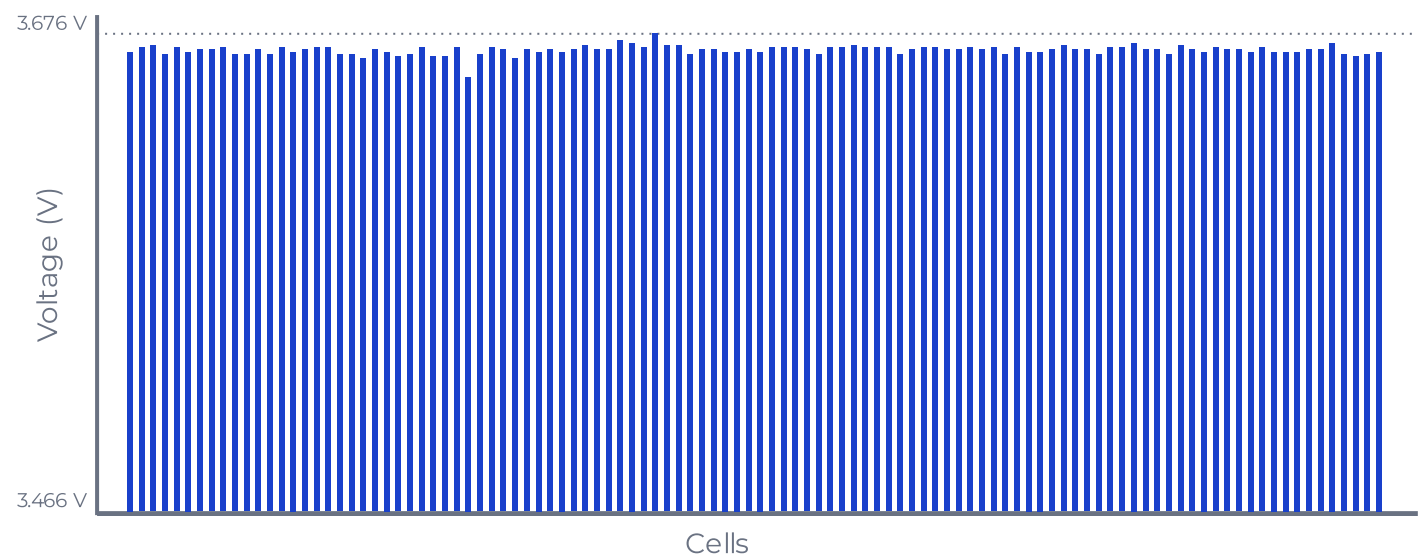
	Urban driving	Mixed driving	Motorway driving
Summer	186 miles	167 miles	149 miles
Winter	150 miles	138 miles	126 miles



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Cell voltage balance



Voltage difference between cells		Battery pack data	
Min voltage:	3.657 V	Cell group count	108
Max voltage:	3.676 V	State of charge*	49%
19 mV 0 mV 100 mV		Pack temperature*	16.0°C
		Pack voltage*	396.1 V
		Pack current*	1.9 A

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

*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

