

Battery Health Check

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Assessment ID
D4D2BE28

Test date: 08/09/2026 [15:20]

Tested by: Drive Green

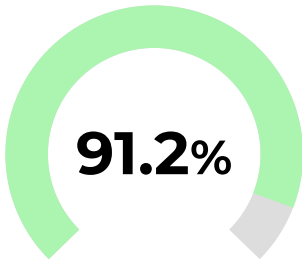
Vehicle information

Make	VAUXHALL	Registration	FP22HXU
Model	VIVARO-E 3100 DYNAMIC	First registered	13/06/2022
VIN	VXEVI2KXZNZ033156	Mileage	15,657

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 **15 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.

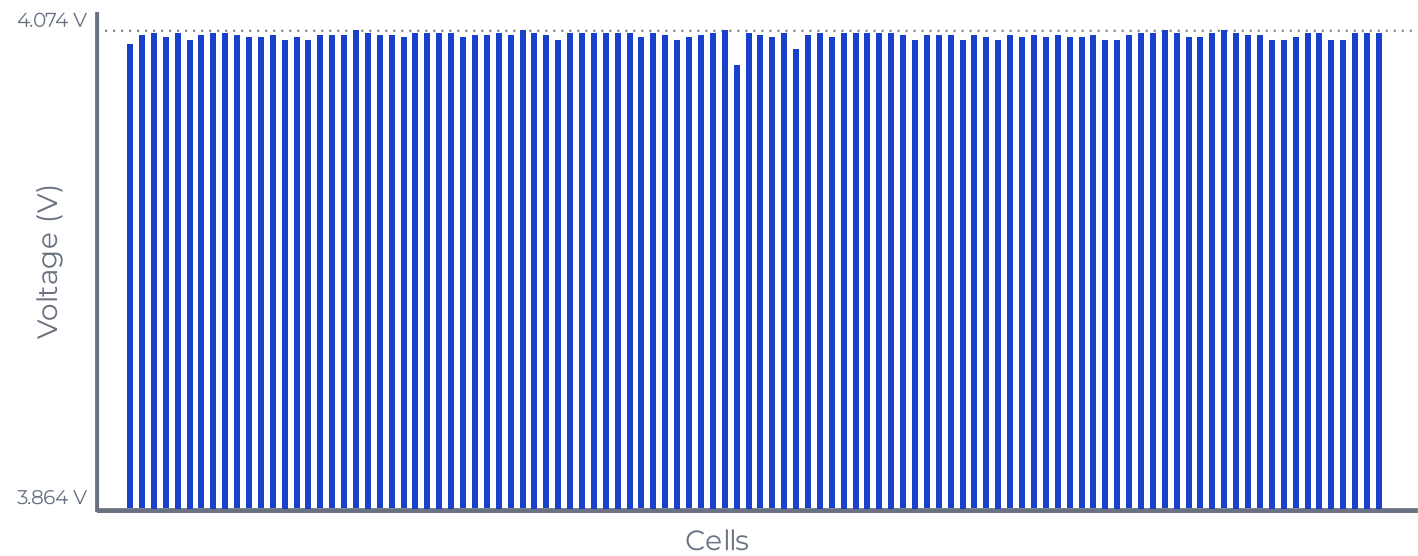
	Urban driving	Mixed driving	Motorway driving
Summer	119 miles	108 miles	96 miles
Winter	99 miles	91 miles	83 miles



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Cell voltage balance



Voltage difference between cells		Battery pack data	
Min voltage:	4.059 V	Cell group count	106
Max voltage:	4.074 V	State of charge*	95%
15 mV 0 mV 100 mV		Pack temperature*	16.0°C
		Pack voltage*	439.8 V
		*As measured at time of test	

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

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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