

Battery Health Check

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GENERATIONAL⁺[Verify online](#) Assessment ID
E4935271Test date: **10/09/2026** [14:03]Tested by: **Drive Green**

Vehicle information

Make	VOLVO	Registration	CF23AUY
Model	C40 + RECHARGE EV	First registered	25/05/2023
VIN	YVIXKEFV6P2063900		

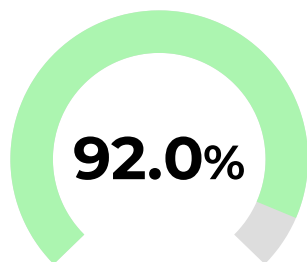
Battery health

Battery capacity **66.0 kWh | 69.0 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	225 miles	203 miles	181 miles
Winter	193 miles	177 miles	161 miles

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Cell voltage balance

Voltage difference between cells

Min voltage: **4.131 V**

Max voltage: **4.139 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

Pack temperature* **16.0°C**

Pack voltage* **397.0 V**

Pack current* **1.9 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

Registered Address: 7 Bell Yard, London, WC2A 2JR
Email: support@generational.ac