

Battery Health Check

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Assessment ID
E6538F5D

Test date: 03/09/2026 [14:37]

Tested by: Invicta Ramsgate

Vehicle information

Make	BYD	Registration	YS75WKV
Model	SEAL DESIGN EV	First registered	12/12/2025
VIN	LGXCH6CD6T2048010	Mileage	6,879

Battery health

Battery capacity **82.5 kWh | 84.0 kWh**
Capacity when new (usable | nominal).

State of health
Percentage of original capacity currently available.



Cell voltage difference **5 mV**
Measures how evenly the battery's cells are balanced.

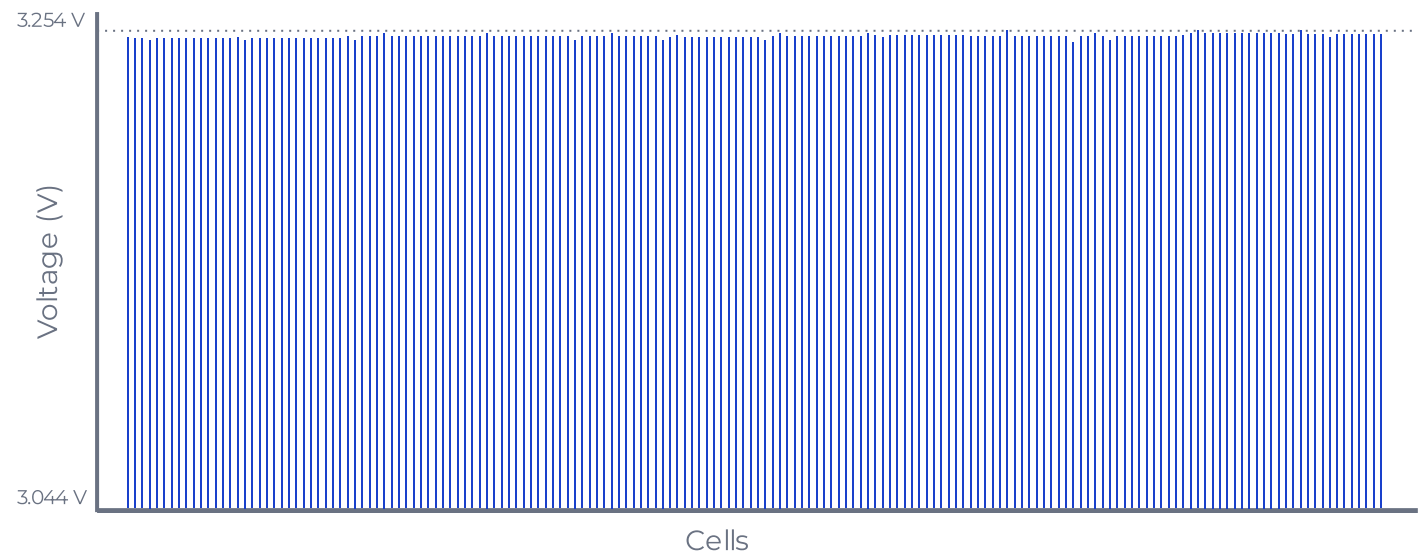
Real range

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	324 miles	293 miles	261 miles
Winter	285 miles	262 miles	238 miles



Cell voltage balance



Voltage difference between cells

Min voltage: **3.249 V**

Max voltage: **3.254 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 **172**

State of charge* **24%**

Pack temperature* **23.0°C**

Pack voltage* **559.0 V**

Pack current* **1.1 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.

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