

Battery State of Health report

autocom

Vehicle

Volkswagen ID.3 (2020)

VIN

WVWZZZE1ZLP999999

Mileage

150000 km

Test information

Test date

2026-06-16 13:39

Software version

2026.05f

VCI serial number

131396

Workshop

Company name

Autocom AB

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Battery health

92%**Good**

EV fault codes

7 DTCs**Check**

Interpretation notes

The following notes explain each summary status in context.

Battery health

Good

A battery health reading of over 80% suggests a battery of acceptable capacity. As always, we recommend checking the OEM specifications as this can differ between models and years. Warranty limits can vary by model for each OEM.

EV fault codes

Check

Diagnostic trouble codes were detected. Please consult a technician if you need interpretation of the results.

⚡ Capacity

Initial capacity	Current capacity	Capacity loss
77 kWh	→ 71 kWh	8 %

⚡ Voltage variation

Min Cell Voltage	Max Cell Voltage	Voltage Delta
3.82 V	3.84 V	20 mV

🌡 Temperature

Min Battery Temp	Max Battery Temp	Temperature Delta
22 °C	25 °C	3 °C

EV Fault codes

HV - battery regulation

P0BBD00

Hybrid Battery Pack Voltage Variation Exceeded Limit

Permanent



HV - battery regulation

U163F00

Hybrid/High-voltage battery system

Intermittent



HV - battery charger control module

U15AC00

Signal damping log

Permanent



HV - battery charger control module

B200000

Faulty control module

Intermittent



Software cluster embedded 1

B201200

Data record implausible

Permanent



Software cluster embedded 1

B201300

Secure on board communication

Permanent



Electrical motor

U10BA00

Local data bus

Permanent



General information

The high-voltage battery in your vehicle consists of multiple modules. As all batteries age, their ability to store energy gradually decreases. Most manufacturers define a warranty limit, typically between 70-80% state of health (SoH). This battery report is generated by reading data directly from the vehicle's ECUs. The availability of data varies by vehicle; where data is not supported, this will be clearly indicated in the report. Please note that the report is a snapshot showing the current condition and is not a guarantee of battery performance, range or remaining life of the high voltage battery system. Please consult a technician if you need interpretation of the information in the report.

Battery State of Health (SoH)

Shows the batteries current ability to store energy compared to when it was new. SoH value is presented in percentage (%). When needed, the value is rounded down to the nearest full value. If the Battery Management System (BMS) is not presenting the SoH as a parameter, the value is calculated based on current capacity vs initial capacity. Always check the OEM specifications for the vehicle.

Voltage variation

Small voltage differences between cells or modules are normal and managed by the Battery Management System (BMS). Variation outside typical levels may require further investigation. Always check the OEM specifications for the vehicle.

Diagnostic trouble codes (DTCs)

This report includes DTCs related to EV systems such as the high voltage battery, inverter, charging system and motor control.

Temperature

Temperature sensors monitor the battery. Temperature should normally be similar across the pack. Always check the OEM specifications for the vehicle.