INDEPENDENT

BATTERY CERTIFICATE

AVILOO
BATTERY DIAGNOSTICS

CERTIFICATE NUMBER: 2BEEADB4-7EA2-44EC-AB7B-B3DFD1C53278

VEHICLE

BRAND: Nissan
MODEL: Leaf ZE0 - 24 kWh

MILEAGE: 83,163 km
VIN: JN1FAAZE0U0011470
DATE AND TIME: 06/05/2026, 10:04

EXECUTED BY: AAA Auto

RESULTS

Independent
STATE OF HEALTH (SOH)

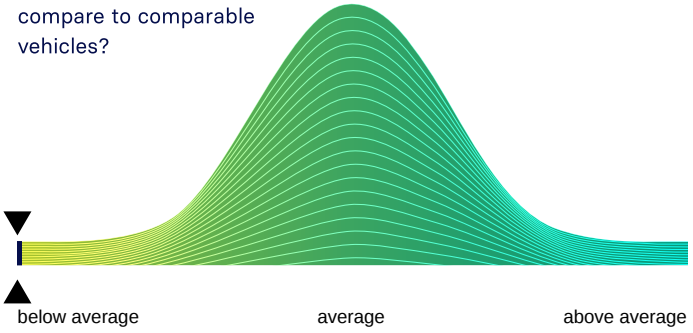
67.2 %

ENERGY 15kWh | 22kWh

WLTP RANGE 91km | 136km

RATING

BENCHMARKING
How does your vehicle compare to comparable vehicles?



CHECKS

- Battery Management System (BMS) ✓
- Battery Sensor ✓
- Battery Measurements ✓
- Battery Cell Voltages ✓
- Vehicle Communication ✓

SCAN FOR DETAILS

EVALUATION

WARNING! - SIGNIFICANT ISSUES DETECTED

During the detailed battery diagnosis with the AVILOO FLASH Test, anomalies were detected that require monitoring or inspection. For Details scan the QR code.

For assistance, please contact AVILOO Customer Management.

Dr. Marcus Berger, CEO

CARA Approved Battery Health Check

ENERGY

	Gross	Net (Nominal)	Usable
Current:	16.1kWh	14.8kWh	14.1kWh
New:	24.0kWh	22.0kWh	21.0kWh

RANGE

	WLTP	Typical
Current:	91km	82km
New:	136km	122km

EXECUTION PROTOCOL

AVILOO Box connected. **10:04:51**

- FLASH Test started. ✓
- Vehicle detected. ✓
- Starting data acquisition. ✓
- Finished data acquisition. ✓
- Analyzing data. ✓
- Analysis completed. ✓

SENSORS

Voltage Sensor	✓
Current Sensor	✓
Temperature Sensors	✓
Cell Voltage Sensors	✓

BMS

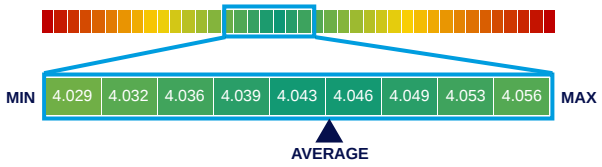
	Value	Status
BMS State of Charge (SoC)*:	0%	
SoC calculation accuracy:		✓
BMS State of Health (SoH)*:	62%	
SoH calculation accuracy:		✓

MEASUREMENTS

	Min	Max	Delta	Status
Battery Temperature	19.0°C	21.0°C	2.0°C	✓
Cell Voltage	4.029V	4.056V	27mV	✓
Pack Voltage	388.1V			
Average Current	-3.0A			

CELL VOLTAGES DIAGRAM

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1 - 20	4.049	4.048	4.051	4.044	4.051	4.052	4.043	4.051	4.041	4.040	4.040	4.040	4.034	4.037	4.036	4.034	4.047	4.051	4.047	4.053
21 - 40	4.043	4.044	4.040	4.041	4.046	4.046	4.049	4.040	4.037	4.035	4.030	4.031	4.043	4.043	4.043	4.041	4.049	4.050	4.048	4.051
41 - 60	4.036	4.044	4.041	4.041	4.050	4.052	4.053	4.047	4.044	4.045	4.043	4.041	4.039	4.041	4.039	4.037	4.035	4.036	4.036	4.029
61 - 80	4.036	4.037	4.037	4.037	4.046	4.044	4.056	4.041	4.044	4.044	4.044	4.040	4.050	4.053	4.050	4.048	4.054	4.055	4.048	4.049
81 - 96	4.039	4.045	4.043	4.041	4.044	4.045	4.050	4.047	4.041	4.041	4.041	4.036	4.049	4.048	4.047	4.047				



MESSAGES

The determined SoH is below the recommended limit for normal operation. In order to identify the underlying cause of this low SoH we recommend either conducting a PREMIUM Test or arranging a visit to a workshop. For assistance, please contact AVILOO Customer Management.

*The values shown here were read directly from the vehicle's battery management system (BMS) and are calculated and provided by the vehicle manufacturer. The State of Health (SoH) displayed corresponds to the value reported by the BMS and is CARA-certified.

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