

# INDEPENDENT BATTERY CERTIFICATE



CERTIFICATE NUMBER: E3B376D3-926C-4842-A65E-10BAEA64E1B4

## VEHICLE

**BRAND:** Nissan  
**MODEL:** Leaf ZE1 - 62 kWh

**MILEAGE:** 41,991 km  
**VIN:** SJNFAAZE1U0131722  
**DATE AND TIME:**  
01.08.2025, 12:57:52

**EXECUTED BY:** Carla AB

## RESULTS

### STATE OF HEALTH (SOH)

# 94.3 %

#### ENERGY

56kWh | 59kWh



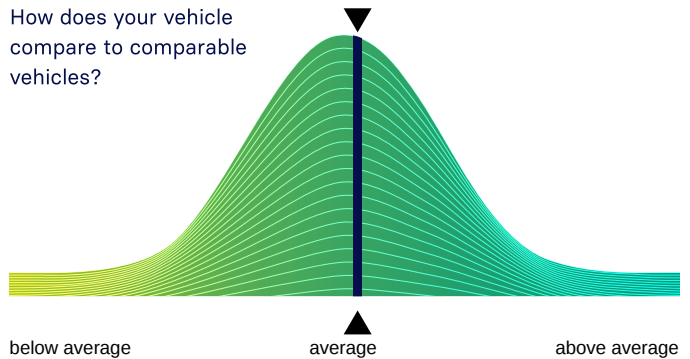
#### WLTP RANGE

363km | 385km

## 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

### EXCELLENT HEALTH - NO ABNORMALITIES DETECTED

Based on the detailed battery diagnostics performed with the AVILOO FLASH Test, we hereby certify that the drive battery of this vehicle is in excellent condition.

The drive battery is therefore officially AVILOO Certified.

*Marcus Berger*

Dr. Marcus Berger, CEO



CELL VOLTAGES DIAGRAM



EXECUTION PROTOCOL

AVILOO Box connected.	12:57:48
FLASH Test started.	✓
Vehicle detected.	✓
Starting data acquisition.	✓
Finished data acquisition.	✓
Analyzing data.	✓
Analysis completed.	✓

RANGE

	WLTP	Typical
Current:	363-363km	326km
New:	385-385km	346km

ENERGY

	Gross	Net (Nominal)	Usable
Current:	58.5kWh	55.6kWh	52.8kWh
New:	62.0kWh	59.0kWh	56.0kWh

MEASUREMENTS

	Min	Max	Delta	Status
Battery Temperature	20.0°C	21.0°C	1.0°C	✓
Cell Voltage	3.493V	3.508V	14mV	✓
Pack Voltage	336.0V			
Average Current	-2.0A			

BMS

	Value	Status
BMS State of Charge (SoC)*:	7%	
SoC calculation accuracy:		✓
BMS State of Health (SoH)*:	94%	
SoH calculation accuracy:		✓

SENSORS

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