INDEPENDENT

## **BATTERY CERTIFICATE**



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

VEHICLE

**BRAND:** Nissan

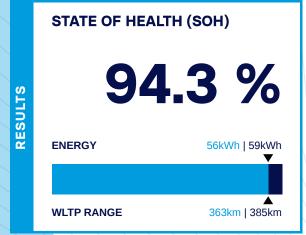
MODEL: Leaf ZE1 - 62 kWh

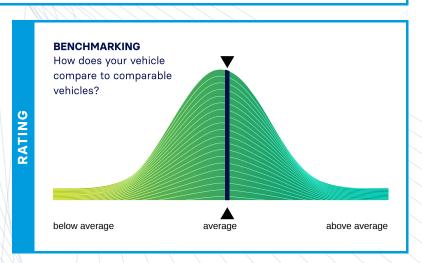
MILEAGE: 41,991 km

VIN: SJNFAAZE1U0131722

**DATE AND TIME:** 01.08.2025, 12:57:52

**EXECUTED BY:** Carla AB





Battery Management System (BMS)

Battery Sensor

Battery Measurements

Battery Cell Voltages

Vehicle Communication



LUATION

## **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.

horas Reiser

Dr. Marcus Berger, CEO





**CELL VOLTAGES DIAGRAM** 

λ5		Gross	Net (Nominal)	Usable
ENERGY	Current:	58.5kWh	55.6kWh	52.8kWh
N N	New:	62.0kWh	59.0kWh	56.0kWh

Щ		WLTP	Typical
RANGE	Current:	363-363km	326km
A.	New:	385-385km	346km

0 	AVILOO Box connected.	12:57:48
00	FLASH Test started.	<b>~</b>
301	Vehicle detected.	~
EXECUTION PROTOCOL	Starting data acquisition.	<b>✓</b>
9	Finished data acquisition.	~
CC	Analyzing data.	<b>✓</b>
X	Analysis completed.	<b>~</b>

Voltage Sensor	<b>✓</b>
Current Sensor	~
Temperature Sensors	~
Cell Voltage Sensors	<b>✓</b>

		Value	Status
	BMS State of Charge (SoC)*:	7%	
BMS	SoC calculation accuracy:		~
<b>a</b>	BMS State of Health (SoH)*:	94%	
	SoH calculation accuracy:		~

SL		Min	Max	Delta	Status
E N	Battery Temperature	20.0°C	21.0°C	1.0°C	~
R E ≥	Cell Voltage	3.493V	3.508V	14mV	~
MEASUREMENTS	Pack Voltage	336.0V			
MEA	Average Current	-2.0A			

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1 - 20	3.493	3.498	3.496	3.496	3.496	3.500	3.496	3.500	3.496	3.500	3.496	3.503	3.498	3.500	3.496	3.500	3.498	3.503	3.496	3.498
21 - 40	3.496	3.500	3.498	3.500	3.498	3.500	3.498	3.500	3.498	3.505	3.505	3.508	3.500	3.503	3.500	3.498	3.500	3.503	3.503	3.503
41 - 60	3.498	3.500	3.498	3.498	3.498	3.500	3.500	3.503	3.496	3.498	3.498	3.498	3.500	3.505	3.503	3.505	3.500	3.498	3.505	3.496
61 - 80	3.500	3.498	3.498	3.498	3.500	3.505	3.498	3.503	3.503	3.505	3.498	3.498	3.498	3.503	3.498	3.503	3.498	3.500	3.498	3.498
81 - 96	3.498	3.503	3.496	3.500	3.503	3.500	3.496	3.500	3.496	3.496	3.496	3.496	3.493	3.496	3.493	3.500	/	/	/	/
MIN 3.493 3.495 3.497 3.499 3.500 3.502 3.504 3.506 3.508 MAX																				
			AVERAC	GE																

SENSORS

<sup>\*</sup>The values shown here were not calculated by AVILOO but correspond to the values read out from the battery management system (BMS) and were calculated by the manufacturer. AVILOO therefore assumes no liability for their accuracy.