

INDEPENDENT

BATTERY CERTIFICATE



CERTIFICATE NUMBER: 6727D758-9626-4788-B6CD-AAA002F34CB5

VEHICLE

BRAND: Jeep
MODEL: Wrangler 4xe - 17,3 kWh

MILEAGE:
VIN: 1C4RJXN63RW356253
DATE AND TIME:
9/25/26, 9:04 AM

EXECUTED BY: Reds Auto and Truck

RESULTS

Independent
STATE OF HEALTH (SOH)

ENERGY



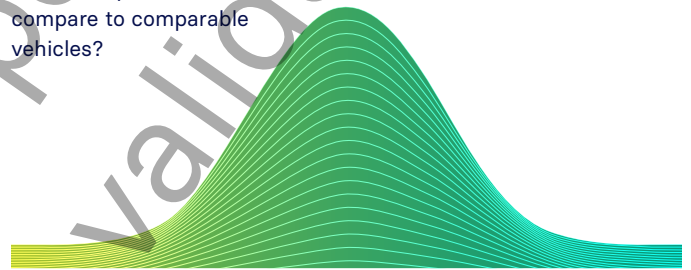
WLTP RANGE

- kWh | kWh

RATING

BENCHMARKING

How does your vehicle
compare to comparable
vehicles?



below average

average

above average

CHECKS

Battery Management System (BMS) - analysis failed

×

Battery Sensor - analysis failed

×

Battery Measurements - analysis failed

×

Battery Cell Voltages - analysis failed

×

Vehicle Communication - warning detected

!



SCAN FOR

DETAILS

EVALUATION

INCONCLUSIVE - BATTERY HEALTH UNDETERMINED

The detailed battery diagnosis with the AVILOO FLASH test failed because not all requirements were met during the measurement. For Details scan the QR code.

For assistance, please contact AVILOO Customer Management.

Marcus Berger

Dr. Marcus Berger, CEO

ENERGY

	Gross	Net (Nominal)	Usable
Current:			
New:			

RANGE

	WLTP	Typical
Current:		
New:		

EXECUTION PROTOCOL

AVILOO Box connected.	09:04:49
FLASH Test started.	✓
Data acquisition started.	✓
Vehicle detected.	✓
Data acquisition completed.	✓
Data analysis started.	✓
Data analysis completed.	✓

SENSORS

Voltage Sensor	✗
Current Sensor	✗
Temperature Sensors	✗
Cell Voltage Sensors	✗

BMS

	Value	Status
BMS State of Charge (SoC)*:	--%	
SoC calculation accuracy:		✗
BMS State of Health (SoH)*:	--%	
SoH calculation accuracy:		✗

MEASUREMENTS

	Min	Max	Delta	Status
Battery Temperature	--F	--F	--F	✗
Cell Voltage	--V	--V	--mV	✗
Pack Voltage	--V			
Average Current	--A			

MESSAGES

Analysis failed because not all necessary signals were received during data acquisition. Please repeat the test. If the problem persists, please contact AVILOO Customer Management.

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*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.

DISCLAIMER: The test result includes the currently calculated state of health (SoH) of the drive battery. The determination is based on data provided by the vehicle. These are evaluated by AVILOO's algorithms using statistical and analytical models. Manipulation of the data in the control unit leads to an incorrect result. The indicated SoH has a technically induced fluctuation range (deviation) of no more than 3% in at least 95% of reference measurements. It should be noted that this tolerance applies to the SoH determination at the cell level and not to the SoH of the entire battery. This is because the state of charge of individual cells may vary, which can negatively affect the current SoH of the battery. However, this can be compensated by the Battery Management System (BMS) or during a calibration. The result reflects the condition of the battery at the time of the test. No conclusions can be drawn about the future state of health of the battery from this. Statements about mechanical damage or external influences are not part of this diagnosis.