

INDEPENDENT BATTERY CERTIFICATE



CERTIFICATE NUMBER: DAFD3875-184B-414C-A367-5D8B578A2576

VEHICLE

BRAND: Mitsubishi
MODEL: Outlander PHEV - 12,0 kWh

MILEAGE: 99,786 km
VIN: JMFXDGG2WKZ000639

EXECUTED BY: Carma

DATE AND TIME:
19/05/2026, 10:21

RESULTS

Independent
STATE OF HEALTH (SOH)



ENERGY - kWh | 9kWh

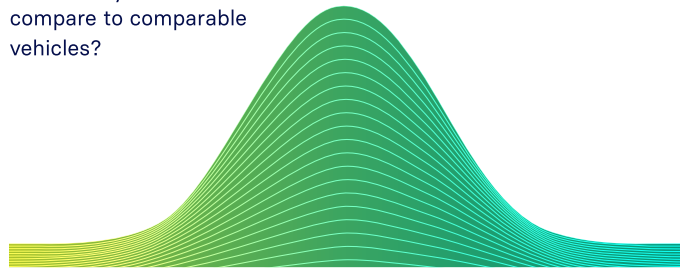


WLTP RANGE - | 47km

RATING

BENCHMARKING

How does your vehicle compare to comparable vehicles?



below average

average

above average

CHECKS

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



EVALUATION

SAFETY RISK! - POTENTIAL SAFETY HAZARD

During the detailed battery diagnosis with the AVILOO FLASH Test, safety concerning anomalies were detected that require immediate inspection. 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:	12.0kWh	8.8kWh	8.6kWh

RANGE

	WLTP	Typical
Current:		
New:	47km	35km

EXECUTION PROTOCOL

	AVILOO Box connected.	10:21:40
	FLASH Test started.	✓
	Vehicle detected.	✓
	Starting data acquisition.	✓
	Finished data acquisition.	✓
	Analyzing data.	✓
	Analysis completed.	✓

MESSAGES

The determined SoH is below the recommended limit for safe 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.

SENSORS

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

BMS

	Value	Status
BMS State of Charge (SoC)*:	68%	
SoC calculation accuracy:		✓
BMS State of Health (SoH)*:	54%	
SoH calculation accuracy:		✓

MEASUREMENTS

	Min	Max	Delta	Status
Battery Temperature	18.0°C	18.0°C	0.0°C	✓
Cell Voltage	4.004V	4.011V	6mV	✓
Pack Voltage	320.6V			
Average Current	-0.6A			

*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.