

# GWM ORA 03 (Funky Cat)

ME2 63 KWH ELECTRIC FWD AUTOMATIC

2023



97%



10.0   
/10

**Clean Air  
Index**

9.5   
/10

**Energy Efficiency  
Index**

9.8   
/10

**Greenhouse Gas  
Index**

10.0  
/10



# Clean Air Tests



## Laboratory Test

NMHC

NO<sub>x</sub>

NH<sub>3</sub>

CO

PN

10.0/10 Cold Test



10.0/10 Warm Test



10.0/10 Highway



10.0/10 Cold Ambient Test



## Road Test

10.0/10 On-Road Drive



5.0/5 On-Road Short Trip



8.0/8 On-Road Heavy Load



5.0/5 On-Road Light Load



2.0/2 Congestion



n.a.



good



adequate



marginal



weak



poor

### Comments

With no tailpipe emissions, the all-electric GWM ORA 03 naturally scores the full 10 points in the Clean Air part of the assessment.

# Energy Efficiency Tests



## Laboratory Test

### Energy

|         |                   |  |   |                 |
|---------|-------------------|--|---|-----------------|
| 10.0/10 | Cold Test         |  | → | 15.9 kWh/100 km |
| 10.0/10 | Warm Test         |  | → | 16.0 kWh/100 km |
| 9.2/10  | Highway           |  | → | 25.3 kWh/100 km |
| 9.1/10  | Cold Ambient Test |  | → | 26.4 kWh/100 km |

### Consumption

### Driving Range

|            |                 |        |
|------------|-----------------|--------|
| Average    | 19.1 kWh/100 km | 378 km |
| Worst-case | 26.4 kWh/100 km | 260 km |



n.a.



good



adequate



marginal



weak



poor

## Comments

With 16 kWh/100 km, the GWM ORA 03 demonstrates very low consumption values in the Cold and Warm Laboratory Tests. In the Highway cycle, the electric car needs 25.3 kWh/100 km, corresponding to a range of 272 km. The On-Road Drive was performed at around 27°C and the ORA 03 recorded 18.7 kWh/100 km, leading to a realistic range of around 367 km in combined real-world driving. The -7°C Cold Ambient Test consumption is a low 26.4 kWh/100 km, which would result in a driving range of 260 km under such cold conditions.

# 9.8

/10

## Greenhouse Gases Tests



### Greenhouse gases

CO<sub>2</sub>

N<sub>2</sub>O

CH<sub>4</sub>

10.0/10 Cold Test



10.0/10 Warm Test



9.8/10 Highway



9.6/10 Cold Ambient Test



n.a.



good



adequate



marginal



weak



poor

### Comments

This Index is based on a Well-to-Wheel+ approach, meaning that the GHG emissions related to the supply of the energy are added to those of the tailpipe. The vehicle's production is not yet included in the assessment due to the implicit limitations of generic data about global supply chains, but its estimated value can be found in Green NCAP's LCA results. As the ORA 03 is purely electric, its GHG emissions originate only from the processes of electricity supply – ca. 45-75 g CO<sub>2</sub>-eq./km, depending on the test consumption. Thanks to its very efficient powertrain, charging process and the relatively low CO<sub>2</sub> emissions of EU electricity mix, the car scores a high 9.8 out of 10.

## Our Verdict

Update February 2024: change of name from ORA Funky Cat to GWM ORA 03. The rating results remain unchanged.

Tested here is the electric GWM ORA 03, a product of the Chinese manufacturer Great Wall Motor. The car is a compact family car with a maximum power of 126 kW and a declared usable battery capacity of 63 kWh. The mass of the empty vehicle is 1,580 kg. The test results confirmed good efficiency of the powertrain in all tests. The usable battery capacity measured by Green NCAP is 64.1 kWh, which matches the officially declared value of 63 kWh. When charging with 11 kW, the overall efficiency from the grid (charging plug) to the output side of the battery is an impressive 93.2% - a new best value among Green NCAP tested vehicles, which helps the vehicle achieve low consumption values and limits the amount of energy loss. Overall, the GWM ORA 03 completes Green NCAP tests with an Average Score of 97% and 5 Green stars, preparing its way for a good entry into the European market.

## Disclaimer [↗](#)

## Specification

### Tested Car

LGWEEUA51PK63xxxx

|  |  |  |  |
|--|--|--|--|
| <b>Publication Date</b><br>09 2023           | <b>Vehicle Class</b><br>Small Family Car                       | <b>Tyres</b><br>215/50R18                      | <b>Emissions Class</b><br>Euro 6 AX    |
| <b>Mass</b><br>1,580 kg                      | <b>Engine Size</b><br>n.a.                                     | <b>System Power/Torque</b><br>126 kW/250 Nm    | <b>Declared CO<sub>2</sub></b><br>n.a. |
| <b>Declared Battery Capacity</b><br>63.1 kWh | <b>Declared Driving Range</b><br>Overall 420 km<br>City 653 km | <b>Declared Consumption</b><br>16.5 kWh/100 km |  |
| <b>Heating Concept</b><br>PTC + Heat pump    |  |  |  |



Think before you print