ORA Funky Cat

ME2 63 KWH ELECTRIC FWD AUTOMATIC

2023 ★★★★★ 97%

GREENER CHOICE LCA

10.0 /10	9.5 /10	9.8 /10
Clean Air Index	**Energy Efficiency Index**	**Greenhouse Gas Index**

10.0 /10 Clean Air Tests

	Laboratory Test	NMHC	NO_x	NH_3	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 Ora Funky Cat naturally scores the full 10 points in the Clean Air part of the assessment.

9.5 /10 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 Ora Funky Cat 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 Funky Cat 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 results in a driving range of 260 km under such cold conditions.

9.8 /10 Greenhouse Gases Tests

	Greenhouse gases	CO_2	N_2O	CH_4
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 Funky Cat is purely electric, its GHG emissions originate only from the processes of electricity supply – ca. 45-75 g CO_2-eq./km, depending on the test consumption. Thanks to its very efficient powertrain, charging process and the relatively low CO_2 emissions of EU electricity mix, the car scores a high 9.8 out of 10.

Our Verdict

Tested here is the electric Ora Funky Cat, 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 Ora Funky Cat 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

Publication Date	Vehicle Class	Tyres	Emissions Class
09 2023	Small Family Car	215/50R18	Euro 6 AX

Mass	Engine Size	System Power/Torque	Declared CO_2
1,580 kg	n.a.	126 kW/250 Nm	n.a.

Declared Battery Capacity	Declared Driving Range	Declared Consumption
63.1 kWh	Overall 420 km City 653 km	16.5 kWh/100 km

Heating Concept
PTC + Heat pump