



CUPRA



2022

# Cupra Born

170 kW e-Boost electric RWD automatic



10.0   
/10

Clean Air  
Index

9.3   
/10

Energy Efficiency  
Index

9.6   
/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

The Cupra Born is a pure electric vehicle and no pollutants are emitted at the tailpipe. Accordingly, the car scores the maximum index of 10 in this part of the assessment.

## Energy Efficiency Tests



### Laboratory Test

### Energy

10.0/10	Cold Test		→	18.6 kWh/100 km
10.0/10	Warm Test		→	19.5 kWh/100 km
9.3/10	Highway		→	24.8 kWh/100 km
8.3/10	Cold Ambient Test		→	32.0 kWh/100 km

### Consumption

### Driving Range

Average	21.0 kWh/100 km	303 km
Worst-case	32.0 kWh/100 km	195 km



n.a.



good



adequate



marginal



weak



poor

### Comments

As is typical of electric vehicles, the Cupra Born demonstrates very high energy efficiency of the powertrain. However, the vehicle is challenged by the highway test where 24.8 kWh are needed per 100 km. With 32 kWh/100 km, the Cold Ambient test, a WLTC+ laboratory test conducted at a wintery -7°C, requires 72% more energy than the standard Cold test and the driving range is reduced to 195 km. The measured charging and discharging efficiency is high – 88 percent of the electricity withdrawn from the grid is available at the battery output.

# 9.6

/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



9.9/10 Highway



8.7/10 Cold Ambient Test



n.a.



good



adequate



marginal



weak



poor

### Comments

The Greenhouse Gas Index is based on a Well-to-Wheel+ approach, meaning that the greenhouse gas emissions related to the supply of energy are added to the tailpipe emissions. Since the Cupra Born is a battery electric vehicle, its greenhouse gas emissions originate only from the upstream processes of electricity supply (vehicle production and end-of-life are not considered). Thanks to the generally low energy consumption of the vehicle and the relatively low CO<sub>2</sub> emissions of European electricity production, the Cupra scores a high 9.6/10 in this part of the assessment.

## Our Verdict

The Cupra Born is a pure electric vehicle and, with its 170 kW, clearly targets the sporty and dynamic audience, despite the relatively high mass. The car comes with a 58 kWh battery, which should be sufficient for most usage cases. Under "normal" real world conditions and moderate climatization demand, the driving range is expected to be around 360 km. Although the energy efficiency is generally high, operation on the highway and driving under winterly conditions significantly reduces the driving range. With an overall index of 9.6/10, the Cupra is rewarded 5 Green Stars.

## Disclaimer [↗](#)

## Specifications

Publication Date 10 2022	Tested Car VSSZZK1ZNP01xxxx	Tyres 215/45R20	Emissions Class Euro 6 AX
Mass 1,827 kg	Engine Size n.a.	System Power/Torque 170 kW/310 Nm	Declared CO <sub>2</sub> n.a.
Declared Battery Capacity 58.0 kWh	Declared Driving Range Overall 402 km City 530 km	Declared Consumption 16.4 kWh/100 km	



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