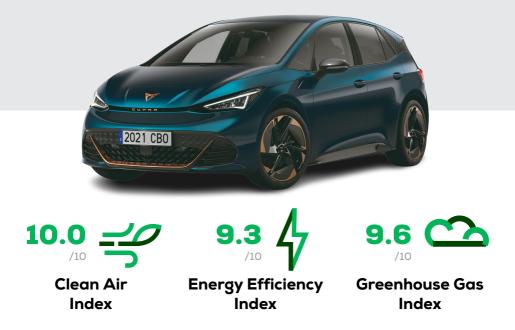




green ncap

Cupra Born

170 kW e-Boost electric RWD automatic





Laborate	ory Test NMI	HC NO _x	\mathbf{NH}_{3}	со	PN
10.0 /10 Cold Test					
10.0 /10 Warm Test					
10.0/10 Highway					
10.0 /10 Cold Ambie	nt Test				
Road Tes	st				
10.0/10 On-Road D	rive				
5.0 /5 On-Road SI	hort Trip				
8.0/8 On-Road H	eavy Load				
5.0 /5 On-Road Li	ght Load				
2.0/2 Congestion					



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		\rightarrow	18.6 kWh/100 km
10.0 /10	Warm Test		\rightarrow	19.5 kWh/100 km
9.3 /10	Highway		\rightarrow	24.8 kWh/100 km
8.3 /10	Cold Ambient Test	•	\rightarrow	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



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 winterly -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 The measured charging and discharging efficiency is high – 88 percent of the electricity withdrawn from the grid is available at the battery output.







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 CO₂ 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 🛛

Specfications

Publication Date 10 2022 Tested Car VSSZZK1ZNP01xxxx Tyres 215/45R20 Emissions Class Euro 6 AX

Declared CO₂

Mass 1,827 kg Engine Size n.a. System Power/Torque 170 kW/310 Nm

Declared Consumption

8.0 kWh

Declared Battery Capacity

Declared Driving Range Overall 402 km City 530 km

16.4 kWh/100 km



Think before you print