



HYUNDAI



2020

Hyundai KONA

39.2 kWh electric 4x2 automatic



10.0 
/10

Clean Air
Index

10.0 
/10

Energy Efficiency
Index

10.0 
/10

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 Cold Ambient Test	●	●	●	●	●
10.0/10 Highway	●	●	●	●	●



Road Test

10.0/10 On-Road Drive	●	●	●	●	●
8.0/8 On-Road Heavy Load	●	●	●	●	●
5.0/5 On-Road Light Load	●	●	●	●	●
5.0/5 On-Road Short Trip	●	●	●	●	●
2.0/2 Congestion	●	●	●	●	●



Robustness



n.a.



good



adequate



marginal



weak



poor

Comments





Pure battery electric vehicles emit no tailpipe emissions and the KONA scores full points in this part of the assessment.

Energy Efficiency Tests



Laboratory Test

Energy

10.0/10	Cold Test	 →	20.4 kWh/100 km
10.0/10	Warm Test	 →	18.9 kWh/100 km
10.0/10	Cold Ambient Test	 →	29.8 kWh/100 km
10.0/10	Highway	 →	27.2 kWh/100 km

Consumption

Driving Range

Average	22.2 kWh/100 km	202 km
Worst-case	29.8 kWh/100 km	147 km



n.a.



good



adequate



marginal
















weak



poor

Comments

Green NCAP currently assesses energy efficiency purely on a 'tank to wheel' basis i.e. upstream energy consumption, such as that used to generate the electricity in the first place, are not currently included. The KONA's efficiency is better than Green NCAP's maximum scoring limit in all tests, albeit only just in the case of the cold ambient test, so the car scores maximum points for energy efficiency.

	<u>Greenhouse gases</u>	CO ₂	N ₂ O	CH ₄
7.0/7	Cold Test			
7.0/7	Warm Test			
7.0/7	Cold Ambient Test			
7.0/7	Highway			



n.a.



good



adequate



marginal



weak



poor

Comments


Pure battery electric vehicles emit no tailpipe emissions and the KONA scores full points in this part of the assessment.

Our Verdict

The KONA is the smallest of Hyundai's SUVs, positioned beneath the Tucson and Santa Fe. Launched in 2017 with a range of combustion engines, the EV followed soon after and that is the version that is tested here. As with all other pure electric vehicles, there are no tailpipe emissions so the car is assured of maximum points for Clean Air and for Greenhouse Gases. Even electric cars have to consume energy in order to move but, here too, the KONA's efficiency remains within the zone for which maximum points are scored (<30 kWh/100 km), although it gets close to the limit in the -7 degree test. All in all, the Kona's all-electric powertrain ensures a maximum five-star rating in Green NCAP.

Disclaimer

Publication Date 11 2020	Tested Car KMHK281HFKU02 ^{xxxx}	Emissions Class Euro AX	Tyres 215/55/R17 94V
Mass 1,552 kg	Engine Size n.a.	Engine Power/Torque 100 kW/395 Nm	Published CO ₂ 0 g/km
	Battery Capacity 39.2 kWh	Published Driving Range 289 km	

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