



2022

Audi Q4 e-tron

Sportback 50 quattro electric AWD automatic



10.0 
/10

Clean Air
Index

9.2 
/10

Energy Efficiency
Index

9.5 
/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 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 Audi Q4 Sportback 50 e-tron is a pure electric vehicle and no pollutants are emitted at the tailpipe. Accordingly, the car scores the maximum in this part of the assessment.

Energy Efficiency Tests



Laboratory Test

Energy

9.9/10	Cold Test		→	20.7 kWh/100 km
10.0/10	Warm Test		→	19.8 kWh/100 km
8.8/10	Highway		→	28.7 kWh/100 km
8.5/10	Cold Ambient Test		→	30.4 kWh/100 km

Consumption

Driving Range

Average	23.1 kWh/100 km	369 km
Worst-case	30.4 kWh/100 km	272 km



n.a.



good



adequate



marginal



weak



poor

Comments

The Q4 e-tron scores less than maximum in two of the four efficiency tests, exceeding Green NCAP's lower threshold. Overall the energy efficiency index is still close to the best due to the generally low consumption of this battery electric car. The Q4's powertrain demonstrates high efficiency even when compared to other electric vehicles, despite the fact that it is quite a heavy vehicle. The tests show an efficient charging process with few losses: 88% of the energy withdrawn from the electrical grid is available at the battery output side.



Greenhouse gases

CO₂

N₂O

CH₄

10.0/10 Cold Test



10.0/10 Warm Test



9.2/10 Highway



9.0/10 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 Q4 e-tron is a battery electric vehicle, its greenhouse gas emissions originate only from the upstream processes of electricity supply. Thanks to the low energy consumption of the vehicle and the relatively low CO₂ emissions of European electricity production, the Audi scores very high in this part of the assessment.

Our Verdict

The Audi Q4 Sportback 50 e-tron quattro is a full electric vehicle with an abundance of power – 220 kW. The tested model is the top-of-the-line version of the Q4 range, in which lighter models and rear wheel drive versions are available as well. Its large battery – a declared capacity of 76.6 kWh – helps to overcome range anxiety in most driving situations. Normal real-world driving consumption with low cabin climatization demand results in a range of some 420 km. Under cold winter conditions, starting with a fully charged battery, the driving range declines to 270 km; on the motorway at 23°C ambient temperature around 290 km can be expected. The vehicle demonstrates high powertrain and climatization management efficiency together with an efficient charging process resulting in the full set of 5 Green NCAP stars.

Disclaimer

Publication Date 06 2022	Tested Car WAUZZZFZ2NP00xxxx	Tyres 235/45 255/40 R21	Emissions Class Euro 6 AX
Mass 2,242 kg	Engine Size n.a.	System Power/Torque 220 kW/460 Nm	Declared CO ₂ n.a.
Declared Battery Capacity 76.6 kWh	Declared Driving Range Overall 465 km City 586 km	Declared Consumption 18.9 kWh/100km	



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