Renault ZOE
R110 ZE50 electric 4x2 automatic

Vehicle Specifications

Green NCAP Publication Date
11 2020
Fuel
Electricity
Mass
1,502 kg
System Power/Torque
80 kW/225 Nm
Emissions Class
Euro AX
Declared Battery Capacity
52.0 kWh
Declared Electric Energy Consumption (WTP)
17.2 kWh/100 km
Average | Best | Worst
Measured Electric Energy Consumption (Green NCAP Tests)
22.3 | 15.0 | 29.8 kWh/100 km
Declared Fuel Consumption (WTP)
n.a.
Average | Best | Worst
Measured Fuel Consumption (Green NCAP Tests)
n.a.

Process Chain - Electric Powertrain

Primary Energy Demand

Renewable Energy
Fossil Energy
Other Energy
Energy Materials
Power Plant
Materials
Electricity Grid
Materials
Charging Station
Energy Materials
Vehicle (Battery Electric)
Transportation

Default Assessment Parameters

Country | Electricity Mix
EU Average
Annual Kilometers
15,000 km
Vehicle | Battery Lifetime
16 years
Slow | Quick Charging
90% | 10% (of km/year)

Estimated Average GHG Emissions

Total GHG Emissions
32
(Best 26 | Worst 37)
Vehicle Life Cycle Average Emissions
[g CO2-equivalent/vehicle]

Greenhouse Gas (GHG) Emissions

GHG Emission Contributions

Total GHG Emissions
211.8 g CO2-eq/km

Primary Energy Demand

Energy Demand Contributions

Total Energy Demand
0.74 kWh/km

Energy Source

Life Cycle Assessment results calculated with Tool v2.1_2022 by FIA/JOANNEUM RESEARCH based on 240,000 lifetime kilometres for average European conditions.