Renault Kangoo
E-Tech EV45 electric FWD automatic

Vehicle Specifications

- Green NCAP Publication Date: 11/2023
- Fuel Electricity: 1,862 kg
- System Power/Torque: 90 kW/245 Nm
- Emissions Class: Euro 6d
- Declared Battery Capacity (gross): 48.0 kWh
- Declared Electric Energy Consumption (NEDC): 20 kWh/100 km
- Average | Best | Worst Measured Electric Energy Consumption (Green NCAP Tests): 25.9 | 20.8 | 42.3 kWh/100 km
- Declared Fuel Consumption (WLTP): 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
  - Electricity Grid
  - Charging Station
  - Vehicle (Battery Electric)

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

- 140.7 g CO₂-equivalent/km
- Process Chain - Electric Powertrain
- Estimated Average GHG Emissions
  - Production w/o Bat/FC
  - Battery Production
  - Fuel Cell Production
  - Maintenance
  - Fuels/Energy Supply
  - Tailpipe Emissions
  - Recycling

Greenhouse Gas (GHG) Emissions

- GHG Emission Contributions
  - Battery Production: 12%
  - Tailpipe Emissions: 6%
  - Fuel/Energy Supply: 53%
  - Maintenance: 6%

- Total GHG Emissions
  - Vehicle Life Cycle Average Emissions: 34 (g/)
  - Best: 30 | Worst: 45

Primary Energy Demand

- Estimated Average Energy Demand
  - Production w/o Bat/FC: 0.039 kWh/km
  - Battery Production: 0.02 kWh/km
  - Fuel Cell Production: 0.00 kWh/km
  - Maintenance: 0.000 kWh/km
  - Fuels/Energy Supply: 0.00 kWh/km
  - Recycling: 0.03 kWh/km

- Energy Demand Contributions
  - Battery Production: 9%
  - Fuel Cell Production: 0%
  - Fuels/Energy Supply: 69%
  - Maintenance: 3%

- Energy Source
  - Fossil: 71%
  - Renewable: 28%
  - Other: 1%