

## **Renault Zoe**

### **1. Core Specifications**

- Model Years: 2020–2024
- Body Type: Compact Electric Hatchback
- Battery Capacity:
  - Usable: 52 kWh (Lithium-ion NCM712)
  - Nominal: 54.7 kWh
- Motor Options:
  - R110: 107 HP (80 kW), 245 Nm
  - R135: 134 HP (100 kW), 245 Nm

### **2. Performance**

- Acceleration:
  - R110: 0–100 km/h in 11.4 sec
  - R135: 0–100 km/h in 9.5 sec
- Top Speed: 140 km/h (electronically limited)
- Drive Type: Front-wheel drive

### **3. Range & Efficiency**

- Real-World Range: 315 km (combined)
  - City (Mild Weather): Up to 355 km
  - Highway (Cold Weather): 165 km
- WLTP Range: 395 km
- Efficiency: 165 Wh/km (real-world) / 174 Wh/km (WLTP)

### **4. Charging**

- AC Charging (Type 2):
  - 22 kW: Full charge in 3 hours
  - 11 kW: 5h 45min (3-phase)
  - 7.4 kW: 8h 30min (1-phase)
- DC Fast Charging (CCS):
  - 50 kW: 10–80% in 56 min (adds ~252 km)
  - Max Power: 46 kW (limited by vehicle)
- Plug Types: Type 2 (AC), CCS (DC – optional)
- Features:
  - Autocharge support
  - No battery preconditioning

### **5. Dimensions & Practicality**

- Length: 4,087 mm
- Width: 1,787 mm (excl. mirrors)
- Height: 1,562 mm
- Wheelbase: 2,588 mm
- Curb Weight: 1,502 kg
- Boot Space: 338 liters\*\*
- Turning Circle: 10.6 m

### **6. Technology & Features**

- Infotainment:
  - 10" Digital Instrument Cluster
  - 9.3" Touchscreen with navigation
  - Apple CarPlay/Android Auto(wireless)

- Advanced Features:
  - MyRenault App (remote control, pre-conditioning)
  - Bose Premium Sound System (optional)
  - Rear Parking Camera & Sensors
- Comfort:
  - Heated Seats & Steering Wheel
  - One-Pedal Driving (B Mode)

## **7. Safety (Euro NCAP 2021)**

- Adult Occupant Protection: 43%
- Child Occupant Protection: 52%
- Safety Assist Systems: 14%
- Key Features:
  - Autonomous Emergency Braking
  - Lane Departure Warning
  - Traffic Sign Recognition
  - Blind Spot Monitoring (optional)
  - 6 Airbags\*\*

## **8. Pricing (UK)**

- ZOE Evolution R110: £29,995
- ZOE Iconic R135: £32,495

## **9. Warranty**

- Vehicle: 3 years / 100,000 miles
- Battery: 8 years / 100,000 miles

## **10. Efficiency Notes**

- Heat Pump: Standard (improves cold-weather efficiency)
- Energy Consumption:
  - City (Mild Weather): 109 Wh/km
  - Highway (Cold Weather): 236 Wh/km

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