

Nissan Leaf

1. Core Specifications

- Model Years: 2018-2022 (previous gen) / 2023+ (current)
- Body Type: Compact Electric Hatchback
- Battery Options: 40 kWh (39 usable) / 62 kWh

2. Powertrain & Performance

- Motors: Single front-mounted permanent magnet
- Power:
 - 40 kWh: 147 HP (110 kW)
 - 62 kWh: 214 HP (160 kW)
- Torque:
 - 40 kWh: 320 Nm
 - 62 kWh: 340 Nm
- Acceleration:
 - 40 kWh: 0-100 km/h in 7.9 sec
 - 62 kWh: 0-100 km/h in 6.9 sec
- Top Speed: 144 km/h (electronically limited)

3. Battery & Range

- Real-World Range:
 - 40 kWh: 200-275 km (weather-dependent)
 - 62 kWh: 239-385 km (WLTP)
- Battery Warranty: 8 years / 100,000 miles

4. Charging

- AC Charging:
 - 3.6 kW: 12h 45min (0-100%)
 - 7 kW: 7.5 hours (40 kWh)
- DC Fast Charging:
 - 40 kWh: 50 kW (0-80% in 60 min)
 - 62 kWh: 100 kW (0-80% in 45 min)
- Plug Types: CHAdeMO (DC), Type 2 (AC)

5. Dimensions & Practicality

- Length: 4,490 mm
- Width: 1,788 mm
- Cargo Volume: 435 L
- Curb Weight: 1,580-1,700 kg

6. Technology & Features

- Infotainment:
 - 8" touchscreen
 - NissanConnect EV app (remote control)
- Advanced Features:
 - ProPILOT Assist (adaptive cruise)
 - e-Pedal (one-pedal driving)
 - 360° camera (Around View Monitor)
- Comfort Features:
 - Heated seats/steering wheel
 - Optional Bose premium audio

7. Safety (Euro NCAP 2018)

- Adult Occupant Protection: 93%
- Child Occupant Protection: 86%
- Safety Assist Systems: 71%
- Key Features:
 - Intelligent Emergency Braking
 - Blind Spot Warning
 - Lane Departure Warning

8. Suspension & Handling

- Front Suspension: MacPherson strut
- Rear Suspension: Torsion beam

9. Pricing (UK)

- 40 kWh Acenta: £28,495
- 62 kWh Tekna: £35,995

10. Efficiency

- Real Consumption: 166 Wh/km (combined)
- WLTP Consumption: 171 Wh/km
