

# Mercedes G-Class Electric (2025)



The **2025 Mercedes-Benz G-Class Electric**, officially named the G 580 with EQ Technology, is the brand-new, fully electric version of the iconic G-Wagen. The classic, rugged SUV design is retained, but the powertrain now features four electric motors and a large 116 kWh battery, combining the legendary off-road capability with urban luxury in a fully electric package.

**Product code:** mb-g-class-electric

**Serial number:** MB-G-EV-2025

**Brand:** Mercedes-Benz

**120 000.0 EUR**

**Netto price: 100 000.0 EUR**

## Description

### Overview

The Mercedes-Benz G 580 with EQ Technology is the first fully electric G-Class model, combining the iconic off-road design with modern electric drivetrain technology. It retains the classic boxy shape and rugged build while featuring an advanced electric platform underneath and inside the vehicle.

### Performance and Drivetrain

Motors: Four independently controlled electric motors (one per wheel)

Total combined output: approx. 579 hp / 432 kW

Torque: approx. 1,165 Nm (~859 lb-ft)

Acceleration (0-100 km/h): ~4.6-4.7 s

Top speed: 112 mph (~180 km/h, electronically limited)

Drivetrain: 4MATIC / all-wheel drive

Battery: 116 kWh lithium-ion

DC fast charging: up to 200 kW, 10-80 % in ~30-32 minutes

AC home charging: ~11 kW, 0-100 % in ~12-14 hours

Range: approx. 385-470 km (~239 mi) depending on cycle (EPA/WLTP)

### Chassis and Off-Road Capability

The G-Class Electric retains the classic ladder-frame chassis, reinforced for electric components. The four independently controlled motors allow:

G-Turn function - nearly on-the-spot rotation on loose terrain

G-Steering - reduced turning radius off-road

Intelligent Off-Road Crawl - automatic speed control on rough terrain

High ground clearance and exceptional water wading ability

Independent front suspension and robust construction for off-road performance

### Interior and Technology

Premium interior with advanced features:

Mercedes-Benz User Experience (MBUX) infotainment

Two 12.3" displays or optional larger touchscreen

Burmester® 3D sound system  
64-color ambient lighting  
Advanced driver-assistance systems (active cruise control, lane keeping, etc.)  
Luxury materials, comfortable seats, multi-zone climate control  
Off-road digital instrument cluster mode (Offroad Cockpit)

## Dimensions & Data

Length: approx. 4,625–4,825 mm  
Width: approx. 1,931–2,187 mm  
Height: approx. 1,986 mm  
Wheelbase: close to classic G-Class dimensions  
Curb weight: over 3,000 kg

## Declaration

- **Manufacturer:** Mercedes-Benz
- **Manufacturer headoffice:** Stuttgart, Németország
- **Netto weight:** 2.8 kg
- **Brutto weight:** 2.84 kg
- **Brand:** Mercedes-Benz

## Specification

- **Width:** 198
- **Length:** 487
- **Height:** 197
- **Üzemanyag:** Elektric
- **Gépkocsitípusok:** SUV
- **Door:** 4/5