

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:** Elektrik
- **Gépkocsitípusok:** SUV
- **Door:** 4/5