

Specifications: 2007 Chevrolet Equinox Fuel Cell

General

| | |
|-------------------|--|
| Vehicle type: | 5-door, front-wheel-drive SUV |
| Chassis: | independent MacPherson struts front, independent, 4-link trailing arm rear, disc brakes front and rear, friction brake blending to maximize energy capture, electric power assist steering |
| Seating capacity: | 4 |

Dimensions

| | |
|---------------------------|---------------|
| Wheelbase (in / mm): | 112.5 / 2858 |
| Length (in / mm): | 188.8 / 4796 |
| Width (in / mm): | 71.4 / 1814 |
| Height (in / mm): | 69.3 / 1760 |
| Curb weight (lb / kg): | 4431 / 2010 |
| Cargo volume (cu ft / L): | 32.0 / 906.24 |

Fuel storage system

| | |
|-------------------------------|---|
| Type: | 3 carbon fiber fuel tanks, compressed gas |
| Service pressure (psi / bar): | 10,000 / 700 |
| Storage capacity (lb / kg): | 9.24 / 4.2 |

Fuel cell system

| | |
|-------------|----|
| Power (kW): | 93 |
|-------------|----|

Battery system

| | |
|-------------|---|
| Type: | nickel metal hydride battery pack; regenerative braking |
| Power (kW): | 35 |

Electric traction system

| | |
|----------------------|--|
| Front system: | 3-phase asynchronous electric motor, FWD |
| Power (kW): | 73 continuous, 94 maximum |
| Torque (lb-ft / Nm): | 236 / 320 |

Performance

| | |
|---|-----------|
| Acceleration 0-60 mph / 0-100 km/h (sec): | 12 |
| Top speed (mph / km/h): | 100 / 160 |
| Operating range (miles / km): | 200 / 320 |
| Payload (lb / kg): | 750 / 340 |

Exterior

| | |
|------------|---|
| Colors: | white, and premium tri-coat Glacier Gold |
| Styling: | differentiated front and rear fascia, exhaust outlets, chrome accents, graphics |
| Tire size: | P225/60R17, 17-inch aluminum wheels |

Interior

| | |
|------------------|---|
| Content: | Premium cloth (leather free) seats and trim, 2-passenger rear bench with center console |
| Color & styling: | Glacier Gold theme with fabric and trim, unique floor mats and shift lever graphics |

| | |
|-------------------|------------------------------------|
| Instrument panel: | kW meter, fuel cell energy display |
|-------------------|------------------------------------|

Fuel cell propulsion system

| | |
|--|------------------------------------|
| Operating life (durability, miles / km): | 2.5 years, 50,000 / 2.5 / 80,000 |
| Freeze capacity: | freeze capable without grid heater |
| Operating temperature (F / C): | -13 to +113 / -25 to +45 |

Standard equipment

OnStar with Turn-by-Turn Navigation; electronic control HVAC; driver side power seat; deep tint windows; heated seats; keyless entry; power door locks/windows; power steering; driver information system; cruise control; AM/FM/XM navigation radio

Safety & security

Expected to meet all applicable 2007 U.S. Federal Motor Vehicle Safety Standards (FMVSS); driver and passenger frontal air bags and roof rail side-impact air bags; ABS; traction control; StabiliTrak; OnStar; navigation system

Product benefits

No petroleum consumption; EPA-certified zero-emission vehicle (ZEV) that emits only water vapor; zero propulsion system (greenhouse gases-GHG) emissions; instantaneous torque