



# 1999 GM EV1

## GEN II Battery Electric Vehicle

### Propulsion / Electronics

Acceleration: 0 - 60 in less than 9 seconds  
Power management system: Insulated gate bipolar transistor (IGBT) power inverter  
Charger: inductive charging

#### Batteries

Standard battery: high capacity lead acid (PbA), 26 modules  
Weight: 1310 lbs.  
Energy capacity: 18.7 kW hrs / 60 amp hrs (312-v)

Optional battery: Nickel Metal Hydride (NiMH), 26 modules  
Weight: 1147 lbs.  
Energy capacity: 26.4 kW hrs / 77 amp hrs (343-v)

### Vehicle Features

2-passenger coupe  
Body type: Aluminum alloy structure  
Body panels are 100% recyclable and very lightweight  
Wheels: 14" aluminum alloy  
Tires: P175/65R14, low rolling resistance

### Audio System

Premium AM / FM / CD / cassette

### Safety Features

4-wheel anti-lock brakes (ABS)  
Traction control  
Check tire pressure system  
Air bags and three-point shoulder/lap seatbelts  
Electronic keypad entry/vehicle activation system  
Electric windshield defogger  
Electric rear window defogger w/ auto shutoff

### Weights and Capacities

Curb weight (lbs.) 2970  
2 passenger occupancy

### Mechanical

#### Motor

Three-phase, alternating current (AC) induction  
102 kW (137 hp) peak power @ 7,000 rpm

#### Transmission

Single speed, front wheel drive

#### Brakes

Electro-hydraulic, power-assisted front and electric rear w/ blended regenerative and anti-lock features

# at a glance

#### Emission Rating

Certified Zero Emission  
Vehicle (ZEV)

#### Top Speed

80 mph

#### Driving Range

PbA: 55 - 95 miles / charge  
NiMH: 75 - 130 miles / charge

#### Recharge Time

PbA: 5.5 - 6 hours (if empty)  
NiMH: 6 - 8 hours (if empty)  
*charge while you work, shop or sleep*

#### Availability

Available only through  
re-leases.

#### Price

\$499 / month\*

\*Original lease price for new vehicle. Cost varied upon model year and battery pack selected. Tax and other fees not included. Re-lease prices may vary.

### Contact Information

ARB 1-800-END-SMOG  
[www.ZEVinfo.com](http://www.ZEVinfo.com)

GM 1-800-25-ELECTRIC  
[www.gmev.com](http://www.gmev.com)

California Environmental Protection Agency



Air Resources Board