



2007 GEM e4 Specifications & Details



Base MSRP: \$9,695*



Global Electric Motorcars, LLC

A DaimlerChrysler Company

For more information, please give us a call at 1.888.871.4367 or visit us on our web site at www.gemcar.com.

OVERALL

- Perfect all-around vehicle in communities, resorts, marinas, park systems, hotels, industrial complexes, construction sites, college campuses and military bases
- Driving range of up to 30 miles ⁽¹⁾
- Easy-to-clean interior
- Many options are available including doors for weather protection and a heater/defogger for inclement weather

SAFETY

- The high profile makes the GEM vehicle easy to see in traffic while enhancing overall driver visibility
- Windshield wiper and adjustable rearview and exterior mirrors
- Laminated, tinted automotive safety glass reduces glare and improves visibility
- Automotive-style three-point safety belts
- Front and rear turn signals, head lamps, taillights, horn and reverse alert warning signal

VALUE

- GEM zero-emission Neighborhood Electric Vehicles (NEVs) offer environmentally friendly, quiet and cost-effective mobility solutions
- Every GEM vehicle is backed by a 12-month limited warranty and qualifies for optional extended service coverage
- This GEM vehicle may be eligible for incentives or grants from clean-air districts or other governmental agencies⁽²⁾

PERFORMANCE & FUNCTIONALITY

- Electronically controlled 25-mph top speed
- Low-speed setting allows 15-mph top speed
- Front wheel drive with speed reducer and integral differential
- Regenerative Braking System (RBS) improves battery and brake life, while increasing vehicle range
- Onboard smart charger plugs into 110-volt outlet for convenient charging (Fast charger option available)
- Rack-and-pinion steering
- Fully-independent front and trailing arm rear suspension provides a car-like feel
- 12-inch street-rated tires

⁽¹⁾ Range will vary depending on temperature, terrain, driving style and vehicle payload.

⁽²⁾ See appropriate government agencies for details on available programs and incentives.

* Vehicle is shown with optional accessories. For a full list of standard features and available options in your area, please contact your local GEM dealer.



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WEIGHTS AND MEASURES

Curb Weight:	1280 pounds	Length:	128 inches
GVW:	2200 pounds	Height:	70 inches
Payload Capacity:	920 pounds	Width:	55 inches
Turning Circle:	32 feet	Wheelbase:	102 inches

POWERTRAIN

Motor:	Heavy-duty DC motor with continuous 5 horsepower rating and 12 horsepower peak during acceleration and hill climbing
Transmission:	Single-speed gear reducer with integral differential
Speed Controller:	Custom solid-state controller with: <ul style="list-style-type: none"> • Under-voltage detector • Over-voltage detector • Regenerative braking • Motor thermal protection • Top-speed regulation
Battery Pack:	Six 12-volt flooded electrolyte batteries (optional maintenance-free gel batteries)
Onboard Charger:	72-volt DC charger that plugs into standard 110-volt 15 amp AC outlet

CHASSIS

Tires:	12-inch street-rated tires
Brakes:	Four-wheel automotive-style hydraulic brakes and parking brake
Front Suspension:	Dual A-arm front independent suspension with coil over shock
Rear Suspension:	Trailing arm rear suspension with coil over shock
Steering:	Automotive rack-and-pinion
Frame:	Welded aluminum space-frame using custom aluminum-alloy extrusions

PERFORMANCE

Speed:	Dual speed range	Low: 0-15 mph	High: 0-25 mph
Range:	Up to 30 miles driving ⁽¹⁾		

BODY

Seating:	Seats four occupants in two bucket seats plus rear bench each using a molded foam cushion covered by marine-grade UV-stable vinyl coverings
Passenger Restraints:	Automotive-style three-point safety belts in each seat position
Lighting:	Quartz-halogen head lamps, front and rear turn signals, center high-mount rear brake and taillights with a 20 second delay after vehicle is turned off
Windshield:	Laminated, tinted automotive safety glass with windshield wiper
Body:	Structural composite and thermoplastic body panels
Horn:	Standard
Floor Mats:	Standard
Reflectors:	Rear and side
Mirrors:	Interior rearview and dual exterior (driver's side standard, passenger side optional) mirrors

OPTIONS

Hard Doors	Framed Canvas Doors	Soft Canvas Doors
Alpine Stereo System	12 V Accessory Outlet	Grab Handles
Chrome Bumper	Valet Bar	Scuff Guards
Windshield Washer Kit	Heater/Defogger	Dome Lights
Steering Wheel Lock	Custom Wheels	TrunkBack™

For a full list of GEM factory options, please give us a call at 1.888.871.4367 or visit us on our web site at www.gemcar.com.

(1) Range will vary depending on temperature, terrain, driving style and vehicle payload.

Standard Colors



Red



White



Yellow



Metallic Green



Metallic Blue



Metallic Silver



Metallic Black

Premium Colors