

GEM e2

Exceptionally engineered for nimble performance, the GEM e2 is designed for quick trips, light cargo and tight parking in cities and communities.

GEM is federally classified as a low-speed vehicle (LSV). An LSV is a street-legal vehicle with a top speed of 25 mph and gross vehicle weight of less than 3,000 lbs. Its low speeds and standard safety features promote a safer environment for vehicles and pedestrians to coexist. GEM LSVs help solve critical transportation challenges individuals, cities and organizations are facing with pollution, safety and accessibility. Experience exceptional when you drive GEM.



ZERO CO₂

100% electric, no carbon emissions

1-2

Person capacity

125 mi

Range up to between charges*

50+

Options and upgrades

Street Legal

On most roads 35 mph or less

*GEM model, battery, payload and terrain will impact range

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Choose Your Battery

GEM e2	AGM with 1 kW Charger	Distance AGM with 1 kW Charger	8 kWh Li-Ion with 2.2 kW Fast Charger	16 kWh Li-Ion with 4.4 kW Fast Charger
Battery Maintenance	Maintenance Free	Maintenance Free	Maintenance Free	Maintenance Free
Battery Life Cycles	600	600	2000	2000
Battery Range*	28 to 35 mi	50 to 62 mi	44 to 63 mi	88 to 125 mi
Operating Temp.	5 to 122° F	5 to 122° F	-20 to 140° F	-20 to 140° F
Battery Warranty	2 years (8k miles)	2 years (8k miles)	7 years (30k miles)**	7 years (30k miles)**
Charge Time	7 hours	12 hours	4 hours	4 hours
Opportunity Charging	Not Available	Not Available	Standard	Standard
Charging Compatibility	110v & Public Charging	110v & Public Charging	110v & Public Charging	110v & Public Charging

Why Lithium-Ion

- ⚡ 3.5X more battery life & warranty
- ⚡ 3X faster charging
- ⚡ Opportunity charging
- ⚡ Latest LiFePO4 technology
- ⚡ 30% wider temperature range

Exceptionally Designed to Fit Your Needs

EXTERIOR	
<ul style="list-style-type: none">• Four body colors in gloss finish• Optional full doors• Automotive glass windshield• Brake lights and reverse beeper• DOT-rated street tires	<ul style="list-style-type: none">• Occupant Protection System (OPS) that is SAE roof crush certified• Roof and rear accessories• Power off storage switch
INTERIOR	
<ul style="list-style-type: none">• High back forward-facing seats with three-point seatbelts• Spacious cab with 43" of legroom to comfortably fit 6'8" passengers• Backup camera• One-touch turn signals• Durable, non-slip flooring• Parking brake• Hazard flashers• Entertainment accessories	
HANDLING & POWER	
<ul style="list-style-type: none">• 1 kW onboard charger compatible with 110V outlets and EV charging stations• Maintenance-free AGM batteries as standard (optional Li-ion)• Automotive-style suspension, gearcase and sturdy wheelbase for a smooth ride• Hill control, one-pedal driving and get home mode	

Dimensions LWH.....	103 x 55.5 x 73 in (262 x 141 x 186 cm)
Dry weight.....	1, 200 lbs (544 kg)
Gross vehicle weight (GVR).....	2,000 lbs (907 kg)
Payload capacity.....	800 lbs (363 kg)
Max cargo capacity.....	330 lbs (150 kg)
Turning radius.....	125 in (317.5 cm)
Wheelbase.....	69 in (175 cm)
Wheels.....	standard 13 in DOT-rated 155/80 R13
Ground clearance.....	8 in (20.3 cm)
Engine type.....	48V AC induction electric
Motor size.....	5.0 kW/6.7 HP
Motor type.....	AC induction
Batteries.....	AGM, distance AGM, or Li-ion
Top speed.....	25 mph (40 km/h)
Brakes (front/rear).....	disk/hydraulic drum
Front suspension.....	MacPherson strut 5.6 in travel
Rear suspension.....	independent trailing arm 6 in travel
Charger.....	onboard 1 kW charger

*Range based on typical, average use. GEM model, driving style, payload, temperature, grade and terrain will impact range. Charge time compared to standard charger. Vehicle model and charger will impact charge time. **Full four-year warranty with prorated 5th, 6th, and 7th years. GEM LSVs comply with NHTSA Low-Speed Vehicles standards and can be operated on streets posted 35 mph or less in most of the United States. Check local laws regarding street use and vehicle equipment requirements. Drivers must be at least 16 years old with a valid driver's license. Driver and passengers should always wear seat belts. Never engage in stunt driving, and avoid excessive speeds and sharp turns. Never drink and drive. All pricing, specifications, claims, and information contained in this brochure are based on information available at the time of publication and are subject to change without notice. Waev* assumes no responsibility for any inaccuracies, opinions, or omissions in those publications or changes in pricing or specifications. Unless otherwise noted, all trademarks are the property of Waev Inc. ©2024 Waev Inc.

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