

GEM[®] e2

Nimble 2-Passenger LSV

The GEM e2 is an all-electric two-passenger vehicle on a mission to replace sedans and carts in local fleets and has been proven over millions of miles in high demand commercial applications. This category leading low-speed vehicle (LSV) is a safer, more cost-effective and more sustainable solution than the alternatives. The e2 is designed to be nimble, reliable and comfortable in moving people around campuses, cities, industrial complexes and communities in all-seasons.



Street Legal

Engineered with low-speed vehicle (LSV) features that make GEM the leading LSV on the market.



All Electric

GEM's refined lithium-ion technology is optimized for fleets with low cost-of-ownership, all-weather capability and flexible charging.



Nimble Mobility

A tight turning radius and a compact footprint enables safe transport in crowds or confined operating spaces.



Street-Legal Safety

GEM is purpose-built to legally travel on roads with speed limits of 35 mph or less in local areas where safety is the top priority for those inside and outside the vehicle.



Nimble Mobility

GEM is not only designed to safely operate on road where automotive alternatives operate, but it is also engineered to go where larger alternatives can't.



All-Day Operator Comfort

Built for all-day work, GEM e2 pairs all this safe and nimble mobility with thoughtful in-cab design features that keep operators productive and comfortable.



Reliable Lithium-Ion Power

GEM is engineered with proprietary lithium-ion batteries that are purpose-built for low-speed applications. This results in long-lasting, low cost-of-ownership, zero maintenance and all-weather power that fleets demand. And GEM leads the category in charging flexibility and automotive-like warranties.

FLEXIBLE CHARGING

120v

240v

Public charging stations J1772

LOW COST OF OWNERSHIP

\$

.

0

3

Per mile to operate

ALL-WEATHER OPERATING TEMPS

-20°

140°

Operating Temp

AUTOMOTIVE-LIKE WARRANTIES

4year

Vehicle Warranty

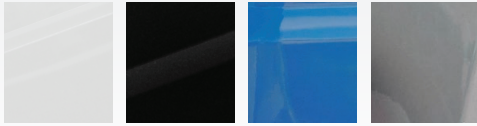
7year

Battery Warranty

*Seven-year limited battery warranty features full coverage through four years and pro-rated coverage fifth through seventh years.

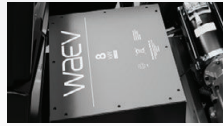
Factory-Options for Any Job

EXTERIOR COLOR



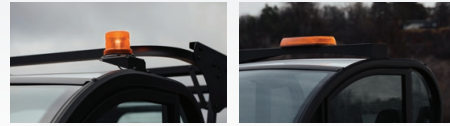
Gloss White **Gloss Black** **Tidal Blue** **Arctic Frost**

BATTERY & CHARGER



Large Pack & Fast Chargers
16 kWh Pack (up to 125 mi range) 4 Hour Fast Chargers (available on either pack)

ROOF LIGHTING



Beacon **Light Bar**
Both amber color and selectable on dash

CAB



Doors Hard, Removable, Roll-Up Windows
HVAC Heat, Defrost, AC (on HVAC model)
Visors Driver and passenger
Stereo Rockford Fosgate 2 or 4-Speaker Stereo
Steering Tilt and Electronic Power Steering
Panoramic Roof Full Transparent Roof Experience
Premium Seats Beechwood Pattern Design

BUMPERS



Rugged Front & Rear Bumpers
Includes rear 1.25" receiver for towing

TIRES & WHEELS



Premium Wheels
16" Sport Wheel & Tread

CARGO OPTIONS



S-Box
Enclosed & Lockable Cargo Box



Trunkback
Enclosed & Lockable Trunk Storage



S-Bed with Sides
Utility Box with Tailgate

Specs

VEHICLE SPECS

Motor	6.5 kW / 8.7 HP - 48V AC induction	Rear Bed	Flat bed with two tie down points
Length x Width x Height	103 in (262 cm) x 55.5 in (141 cm) x 73 in (186 cm)	Seating	2 - Adjustable sliding bucket seats
Turning Radius	125 in (317.5 cm)	Top Speed	25 mph (40 kmh)
Ground Clearance	8 in (20.3 cm)	Safety Features (standard)	Backup camera, reverse alarm, pedestrian noise emitter, lighted FNR switch, turn signals, hazard lights, side and center mounted mirrors, LED headlights and brake lights, dome light, grab handles, windshield wiper, non-slip flooring
Wheelbase	69 in (175 cm)		
Front Suspension	MacPherson strut - 5.6 in (14 cm) travel		
Rear Suspension	Trailing arm with 6 in (15 cm) travel		
Wheels/Tires	Standard 13 in DOT-rated 155/80 R13	EV Features (standard)	Hill control, selectable one-pedal driving (regen braking), self-cancelling turn signals, auto vehicle shut off with key on in 5 minutes, auto stereo/light/heat/AC shut off with key off after 3 minutes
Brakes (Front/Rear)	Disk/Hydraulic drum		
Park Brake	Hand-actuated		
Payload Capacity	1,014 lbs (460 kg)		
Towing Capacity	1,100 lb (498 kg)	Vehicle Warranty	Four-year/20,000 mi
Dry Weight	985 lbs (447 kg)	Colors	White, Black, Tidal Blue, Arctic Frost
Gross Vehicle Weight	2,000 lbs (907 kg)		
Rear Bed Capacity	330 lbs (150 kg)		

BATTERY AND CHARGER SPECS

Configurations	BATTERY						CHARGER		CHARGE COMPATIBILITY		CHARGE TIME	
	Amp Hours	Range	Operating Temps	Battery Maintenance	Battery Life	Battery Warranty	On-Board Charger	Opportunity Charge	GEM Charge Cable	Public Charging or EVSE Cables	15 Amp (120v)	30 Amp (240v/ J1772)
8 kWh	163	44-63 mi (71-101 km)	-20 to 140°F	Maintenance Free	2,000 Cycles	Seven-year / 30,000 mile	1.2 kW	Yes	120V & 240V	J1772	6 hrs	4 hrs
8 kWh w/Fast Charger							2.2 kW					
16 kWh	326	88-125 mi (145-201 km)					1.2 kW					
16 kWh w/Fast Charger							4.4 kW					

*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. ©2025 Waev Inc.

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