



2013



POLARIS® QUALITY. PROVEN PERFORMANCE.

In the field of compact electric vehicles, GEM® sets the benchmark for the competition. Engineered with premium quality and unequaled reliability, our complete line-up of street-legal transport and light-utility vehicles is backed by 60 years of Polaris® performance and innovation — providing unrivaled user confidence and experience.

Purpose-built. Versatile. Safe.

And with an all-electric operation — and zero emissions — you'll have an environmentally friendly, worry-free and low-cost-of-ownership path to solving all your fleet needs.



NEW FOR 2013

With over 45,000 units already on the road, GEM®'s performance has been proven around the globe. But it doesn't stop there — 2013 brings new refinements and innovations aimed at raising the bar again:

- Higher capacity front brakes for improved stopping power
- Improved front wheel bearings and suspension for long-lasting performance
- Improved steering components for greater control
- Improved foot pedals for easier operation



READY TO MOVE : TRANSPORT

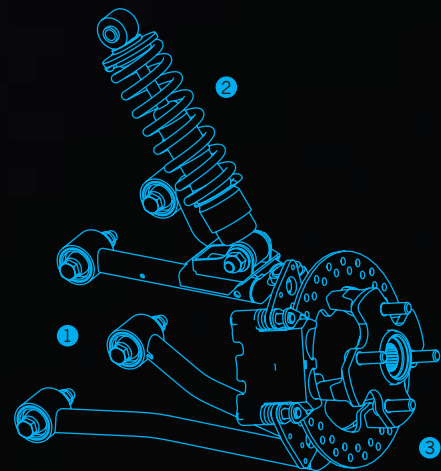
GEM®'s electric transport vehicles offer a premium ride for both you and your passengers. The spacious cab and comfortable, ergonomic seating in an e4 or e6® is perfect for taking groups on site tours. The compact e2 makes a great commuter or runabout. GEM®'s class-leading ride and handling makes them all fun to drive and highly maneuverable.

HIGHLIGHTED FEATURES:

- 12" Street-Rated Tires
- 3-pt. Seat Belts
- Tinted, Auto-Grade Glass
- LCD Instrument Panel
- Grab Handles
- 12-volt Accessory Outlet
- Sunroof (e4 & e6®)
- 25 mph Top Speed

FRONT SUSPENSION:

- ❶ Dual A-arm front independent suspension
- ❷ Coil-over shocks
- ❸ Front-wheel disc brakes and rear-wheel hydraulic drum brakes
- ❹ Front-wheel drive with speed reducer and integral differential



e2

Quick, agile and compact, the GEM® e2 is perfect for neighborhood commutes or traversing across commercial properties. The e2's minivan-like driving height provides optimal road visibility, while its command-style cockpit provides user-friendly instrumentation for safety.

THE PERFECT VEHICLE FOR:

- Police & Security Patrol
- Valet/Customer Service
- Neighborhood & Administrative



e4

The GEM® e4 combines agile maneuverability, comfort and style — with seating for four. Equipped with a spacious cab, ergonomic seating and independent suspension, the e4 keeps ride quality top of mind. With a number of available options, you can also add cargo carriers like the TrunkBack™ or Clip-in StakeBack™ to suit your specific needs.

THE PERFECT VEHICLE FOR:

- Student Transportation
- Site Tours
- Valet/Customer Service
- Neighborhood & Family



e6®

The GEM® e6® is ideal for transporting up to six passengers across facilities, campuses, parks or venues. Equipped with a spacious cab and a 7.0 horsepower motor, the e6® delivers the quintessential passenger experience — in style, comfort and ride.

THE PERFECT VEHICLE FOR:

- Site Tours
- Campus Tours
- Guest Transportation



READY TO HAUL : LIGHT-UTILITY

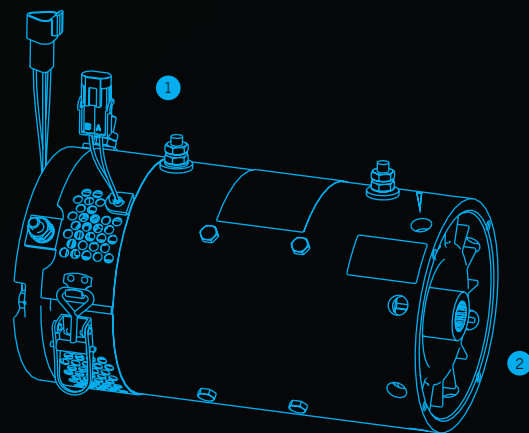
GEM® light-utility electric vehicles are built to tackle the gamut of tasks you throw at them. Thermoplastic body panels and diamond plate beds make them highly durable. Whether you're hauling cargo across your property or across the jobsite, GEM® has a payload capacity of up to 1,450 lbs (eL XD). Couple that with multiple bed and box configurations and our light-utility vehicles get the job done.

HIGHLIGHTED FEATURES:

Welded Aluminum Frame
Advanced Suspension
7-Gauge Steel Utility Tie-Downs
34" x 48" Flatbed (eS)
70" x 48" Flatbed (eL & eL XD)
Hazard Lights
30–40 Mile Range on One Charge

HEAVY-DUTY DC POWER:

- ❶ Heavy-duty DC motor with continuous 5.0 (or 7.0) horsepower rating and 12.0 (or 15.0) horsepower peak during acceleration and hill climbing
- ❷ Solid-state custom motor controller with under and over voltage detector
- ❸ On-board 72-volt DC charger that plugs into a 110-volt AC 15-amp outlet



eS

The GEM® eS is compact and easy to maneuver in tight spaces. Perfect for a variety of uses, the two-seater eS comes equipped with a 34" x 48" flatbed capable of hauling up to 330 lbs of cargo. And with numerous accessory options, you can customize your eS to fit your unique needs — utility, parking enforcement, security and more.

THE PERFECT VEHICLE FOR:

- Groundskeeping
- Maintenance
- Hospitality



eL

With 700 lbs of cargo capacity and a host of accessory options for your individual utility needs, the GEM® eL is built to handle any task at hand. Standard equipped with a 70" x 48" flatbed and 72-volt battery system with on-board charger, the eL is ready to get the job done.

THE PERFECT VEHICLE FOR:

- Groundskeeping & Maintenance
- Housekeeping & Hospitality
- Indoor Warehouse



eL XD

With the most power and payload capacity of all light-utility models, the GEM® eL XD is a workhorse ready for the long haul. Equipped with nine 8-volt batteries, a reinforced bed liner and heavy-duty shocks/springs, the eL XD also bolsters a 70" x 48" flatbed that can haul up to 1,100 lbs.

THE PERFECT VEHICLE FOR:

- Groundskeeping & Maintenance
- Emergency Service
- Indoor Warehouse

FACTORY INSTALLED OPTIONS & ACCESSORIES

INTERIOR	e2	e4	e6*	eS	eL	eL XD
Heater/Defogger	■	■	■	■	■	■
Steering Wheel Lock	■	■	■	■	■	■
Tilt Steering Wheel	■	■	■	■	■	■
Rear Window Insert	■	■	■	■	■	■
Two-Toned Seats	■	■	■	■	■	■
EXTERIOR	e2	e4	e6*	eS	eL	eL XD
Beacon Light	■	■	■	■	■	■
Security Light Bar (Amber Color)	■	■	■	■	■	■
Front Chrome Bumper	■	■	■	■	■	■
Front Rugged Bumper	■	■	■	■	■	■
Rear Receiver Hitch					■	■
Chrome Headlight Trim	■	■	■	■	■	■
Windshield Washer Kit	■	■	■	■	■	■
BATTERIES	e2	e4	e6*	eS	eL	eL XD
Nine 8-Volt Gel Batteries			■			STD
Six 12-Volt Gel Batteries	■	■	STD	■	■	
ACCESSORIES	e2	e4	e6*	eS	eL	eL XD
LSV-100 Fast Charger Receptacle*	■	■	■	■	■	■
Charging Card Set	■	■	■	■	■	■



MAX BOX — Cargo Door



Dual Tool Chest



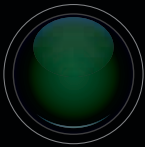
14" Aluminum Wheels

CARRIERS	e2	e4	e6*	eS	eL	eL XD
Short Bed		■	■	STD		
TrunkBack™	■	■	■			
Clip-In StakeBack™	■	■	■			
Enclosed Cargo Carrier		S**	S**	■		
StakeBack™		S**	S**	■	■	■
StakeBack™ – Fold Down					■	■
Ladder Rack					■	■
MAX BOX – Cargo Door or Roll-up Door						■
Dual Tool Chest – Long Bed					■	■
DOORS AND GRAPHICS	e2	e4	e6*	eS	eL	eL XD
Classic GEM® Hard Doors	■	■		■	■	■
Dual-Hinge Hard Doors (coming in '13)	■	■		■	■	■
Framed Canvas Door	■	■	■	■	■	■
Soft Canvas Door	■	■	■	■	■	■
WHEELS	e2	e4	e6*	eS	eL	eL XD
12" Chrome Wheel Covers	■	■	■	■	■	■
12" Turf Polished Aluminum	■	■		■	■	
14" Polished Aluminum		■	■		■	■
PACKAGES	e2	e4	e6*	eS	eL	eL XD
Convenience	■	■	■	■	■	■
Deluxe	■	■	■	■	■	■
Luxury	■	■	■	■	■	■
Right Hand Drive	■	■		■	■	■
7.0 HP Performance Package	■	■	STD	■	■	STD

BASIC COLORS



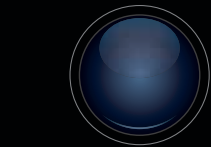
Red Rock Pearl



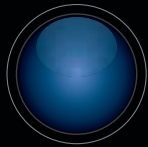
Evergreen Metallic



Crystal White



Midnight Metallic



Ocean Sapphire Metallic



Sterling Graphite Metallic

PACKAGE DETAILS

CONVENIENCE

Scuff Guards, Mud Flaps, Driver Side Dash Fan

DELUXE

Convenience Package + Passenger Side Dash Fan, Deluxe Steering Wheel, Chrome License Plate Lamp and Hood Decals

LUXURY

Deluxe Package + Embroidered Floor Mats, Audio System

RIGHT HAND DRIVE

Right Hand Drive Steering Wheel, Instrument Pod and Pedals

7.0 HP PERFORMANCE PACKAGE

7.0 Horsepower Motor

* Fast Charger Receptacle purchased alone will not provide a quick charge to your GEM® vehicle. LSV-100 Fast Charger or LSV 2472 Convenience Charger plus receptacle is required for a quick charge.

** "S" available only on e4 or e6* with Short Bed Package

2013 SPECIFICATIONS



e2

Curb Weight	1,120 lbs
GVW	1,850 lbs
Payload Capacity	730 lbs
Length	99"
Height	70"
Width	55"
Wheelbase	72"
Cubic Feet of Cab	47 ft³
Turning Radius	11.5 ft
Tires (Street-rated)	12"
Range	Up to 35 miles*
Top Speed	25 mph

MSRP: \$7,829

STANDARD FEATURES:

- Six 12-volt flooded electrolyte batteries
- 72-volt battery system with on-board charger
- Hazard lights
- Grab handles, dome light, accessory outlet
- 2-year vehicle protection
- **NEW!** High/low beam headlights, day/night mirror



e4

Curb Weight	1,270 lbs
GVW	2,200 lbs
Payload Capacity	930 lbs
Length	128"
Height	70"
Width	55"
Wheelbase	102"
Cubic Feet of Cab	78 ft³
Turning Radius	15 ft
Tires (Street-rated)	12"
Range	Up to 30 miles*
Top Speed	25 mph

MSRP: \$10,739

STANDARD FEATURES:

- Six 12-volt flooded electrolyte batteries
- 72-volt battery system with on-board charger
- Sunroof
- Hazard lights
- Grab handles, dome light accessory outlet
- 2-year vehicle protection
- **NEW!** High/low beam headlights, day/night mirror



e6®

Curb Weight	1,620 lbs
GVW	3,000 lbs
Payload Capacity	1,380 lbs
Length	162"
Height	70"
Width	55"
Wheelbase	133"
Cubic Feet of Cab	109 ft³
Turning Radius	19 ft
Tires (Street-rated)	12"
Range	Up to 30 miles*
Top Speed	25 mph

MSRP: \$13,459

STANDARD FEATURES:

- Six 12-volt maintenance-free gel batteries
- 72-volt battery system with on-board charger
- Sunroof
- 7.0 HP performance package
- Hazard lights
- Scuff guards, grab handles, dome light, accessory outlet
- 2-year vehicle protection
- **NEW!** High/low beam headlights, day/night mirror



eS

Curb Weight	1,150 lbs
GVW	1,850 lbs
Payload Capacity	700 lbs
Length	108"
Height	70"
Width	55"
Wheelbase	72"
Cubic Feet of Cab	47 ft³
Turning Radius	11.5 ft
Tires (Street-rated)	12"
Range	Up to 35 miles*
Top Speed	25 mph

MSRP: \$8,899

STANDARD FEATURES:

- Six 12-volt flooded electrolyte batteries
- 34" x 48" flat bed with a 330 lbs cargo capacity
- Utility tie-downs
- 72-volt battery system with on-board charger
- Hazard lights
- Grab handles, dome light, accessory outlet
- 2-year vehicle protection
- **NEW!** High/low beam headlights, day/night mirror



eL

Curb Weight	1,235 lbs
GVW	2,300 lbs
Payload Capacity	1,065 lbs
Length	144"
Height	70"
Width	55"
Wheelbase	114"
Cubic Feet of Cab	47 ft³
Turning Radius	17 ft
Tires (Street-rated)	12"
Range	Up to 30 miles*
Top Speed	25 mph

MSRP: \$10,649

STANDARD FEATURES:

- Six 12-volt flooded electrolyte batteries
- 70" x 48" flat bed with a 700 lbs cargo capacity
- Utility tie-downs
- 72-volt battery system with on-board charger
- Hazard lights
- Grab handles, dome light, accessory outlet
- 2-year vehicle protection
- **NEW!** High/low beam headlights, day/night mirror



eL XD

Curb Weight	1,550 lbs
GVW	3,000 lbs
Payload Capacity	1,450 lbs
Length	144"
Height	70"
Width	55"
Wheelbase	114"
Cubic Feet of Cab	47 ft³
Turning Radius	17 ft
Tires (Street-rated)	12"
Range	Up to 40 miles*
Top Speed	25 mph

MSRP: \$11,999

STANDARD FEATURES:

- Nine 8-volt maintenance-free gel batteries
- 70" x 48" flat bed with a 1,100 lbs cargo capacity
- Utility tie-downs
- 72-volt battery system with on-board charger
- 7.0 HP performance package
- Hazard lights
- Grab handles, dome light, accessory outlet
- 2-year vehicle protection
- **NEW!** High/low beam headlights, day/night mirror

* Range on all Polaris® electric vehicles will vary depending on temperature, grade, payload and driving style.

2-YEAR VEHICLE PROTECTION PROGRAM

WHAT'S INCLUDED

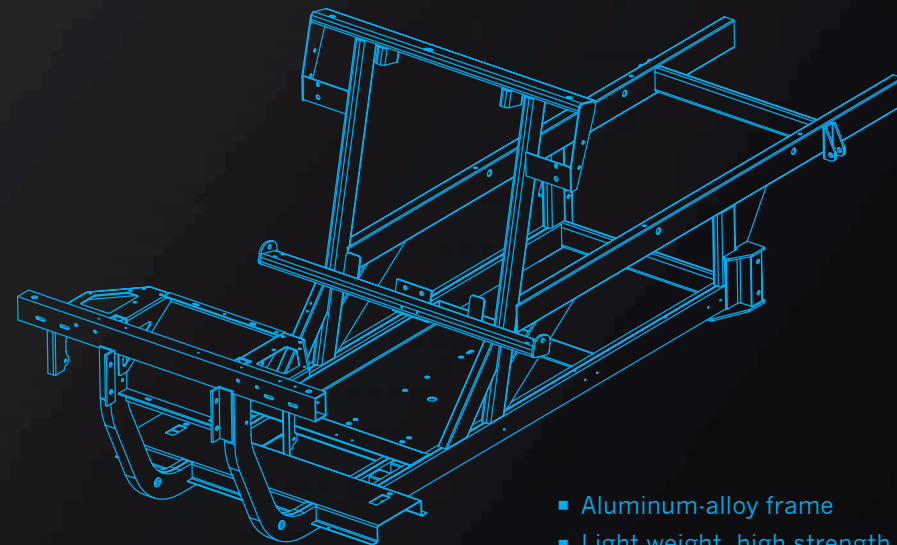
Twenty-four months of limited warranty protection, pro-rate battery coverage included, along with roadside assistance and no-charge transfer of warranty. For even more coverage, we have extended service contracts that are available for up to 60 months of total coverage.

Visit GEMcar.com for full pricing and details.

WARRANTY SERVICE

If your vehicle requires warranty service, you must take it to a GEM® Servicing Dealer. When requesting warranty service, you must present your copy of the Warranty Registration form to the dealer. GEM® suggests that you use your original selling dealer; however, you may use any GEM® Servicing Dealer to perform warranty service. Should your dealer require

any additional assistance, they will contact the appropriate person at GEM®. This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state. If any of the above terms are void because of state or federal law, all other warranty terms will remain in effect.



- Aluminum-alloy frame
- Light weight, high strength
- Corrosion resistant



APPLICATIONS

GEM® transport and light-utility vehicles are the perfect solution for:

- Hotels and resorts
- Entertainment, sporting and amusement venues
- Schools and universities
- Commercial facilities and corporate campuses
- Cities, municipalities and government

Here are just some of the many applications GEM® electric vehicles are purpose-built to handle:

SITE TOURS, VALET & TRANSPORTATION

From site tours and valet to guest and student transportation, GEM® delivers exceptional comfort and style for passengers, while providing the performance and versatility staff can depend on. A spacious cab, comfortable seating for up to six and ample cargo capacity are a few of the key features that make GEM® perfect for all your transportation needs.



HOUSEKEEPING & HOSPITALITY

With noiseless, zero-emission operation combined with versatile handling and multifunctional carrier options, GEM® delivers a clean, quiet solution for all your housekeeping and hospitality needs — indoors or out.



GROUNDSCKEEPING & MAINTENANCE

When it comes to your groundskeeping and maintenance needs, GEM® electric vehicles are built to tackle the tasks at hand. With plenty of hill-climbing torque, street-legal operation and up to a 1,100 lbs hauling capacity, GEM® offers an energy efficient fleet solution you can rely on to get the job done.



PARKING ENFORCEMENT & SECURITY

From parking enforcement to security patrol, GEM® provides the ideal all-electric alternative to gas-powered parking enforcement and security vehicles. With street-legal operation, superior handling and a number of versatile carrier options, GEM® offers a premium solution for your security and parking enforcement needs.



NEIGHBORHOOD & COMMUTING

Ideal for commutes and everyday use around the neighborhood, GEM® gets you where you need to go. Dual A-arm front independent suspension lets you take control of the road, while GEM®'s ergonomic seating and spacious cab let you do it comfortably.



READY TO MOVE.

Whether you're moving people or cargo, GEM® vehicles offer the reliability and quality construction you need to get every job done right. Add to that the money you'll save by eliminating fuel costs and reducing the maintenance costs associated with gas-powered alternatives, and you have a low cost-of-ownership solution for all your fleet needs.

Simply put, GEM® equals Polaris® quality and proven performance. Find your local dealer at GEMCAR.com and schedule a demo to find out for yourself.



GEMcar.com
1-855-RIDE-GEM



Polaris® LSVs comply with the NHTSA Low Speed Vehicles rules and regulations and can be operated on many streets with posted speed limits of 35 mph or less. 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. Range on all Polaris® electric vehicles will vary depending on temperature, grade, payload, and driving style. All pricing, specifications, claims, and information contained in this brochure are based on information available at the time of publication. Polaris® assumes no responsibility for any inaccuracies, opinions, or omissions in those publications. All pricing, specifications, and descriptions are subject to change without notice, and Polaris® assumes no responsibility for changes in pricing or specifications. Unless otherwise noted, all trademarks are the property of Polaris Industries, Inc.

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