CHARGE ON THE GO AND OFF THE GRID

Extend your drive time between charges by harnessing renewable energy. GEM custom-designed, highly-efficient solar panels provide up to two miles of range per hour (or up to 12 miles of range per day) after exposure to direct sunlight.

SUSTAINABILITY

Reduce grid-tied energy consumption by harnessing renewable solar energy. All-electric, zero-emission GEMs coupled with solar panels help businesses and individuals meet their sustainability goals.

CONVENIENCE AND INDEPENDENCE

Take back some freedom on where you drive your GEM knowing you can recharge wherever there is direct sunlight, lessening the dependency on traditional battery charging infrastructure.

EXTENDED RANGE

Give your drive time a boost with up to two miles of range added per hour after (or up to 12.4 miles of range per day) after direct sunlight exposure.

EXTEND YOUR BATTERY RANGE UP TO 40%*

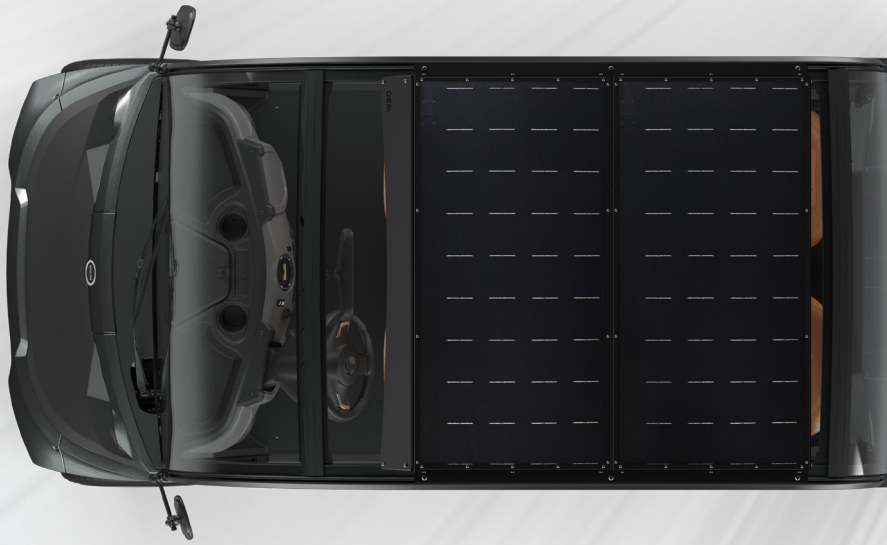
	Miles of range* added per hour	Miles of range* added per day	Energy saved per day
e4	.72-1.38 mi	4.3-8.28 mi	921-1440 watt-hours
e6	1.08-2.07 mi	6.46-12.41 mi	1382-2160 watt-hours
eL XD	1.08-2.07 mi	6.46-12.41 mi	1382-2160 watt-hours

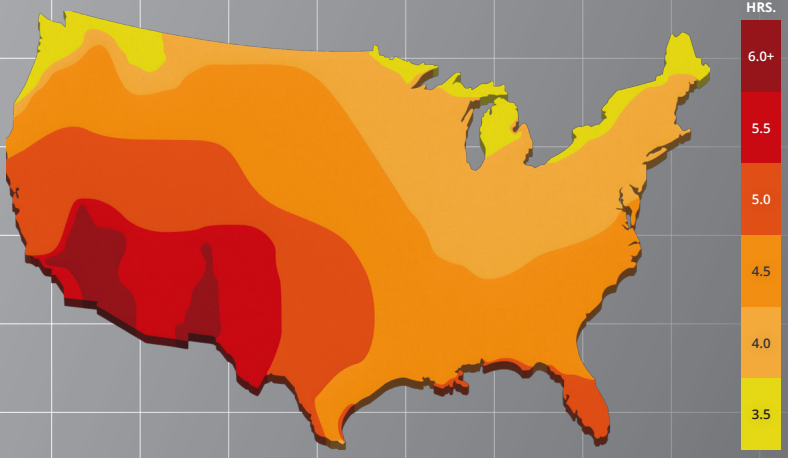
Compatible with both AGM and Li-ion batteries, GEM solar panels add between .72 and 2 miles of range per hour and between 4.3 and 12.41 miles of range per day. All solar panels can be used interchangeably with standard 1KW chargers and fast chargers.

*Range based on typical, average use and sun hours per day. GEM model, payload, battery type and terrain will impact range. Solar panel performance is impacted by hours of direct sunlight and cloud coverage.

HIGH-QUALITY MEETS CUTTING-EDGE

GEM solar panels are made with high-efficiency photovoltaic (PV) cells. These high-quality solar panels feature ETFE encapsulation resulting in little required maintenance and resistance to the elements such as rain and hail. They are UV stable, optically clear and will not yellow or crack after long-term exposure. GEM solar panels have been thoughtfully designed to seamlessly integrate to the vehicle.





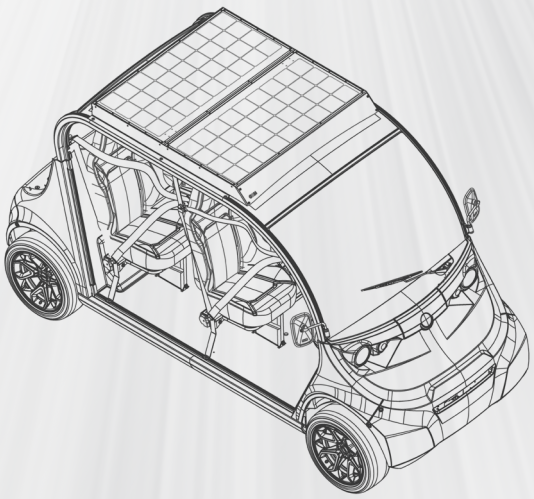
AVERAGE PEAK SUNLIGHT HOURS PER DAY

To see how many peak sunlight hours you'll receive per day, reference the map to the left. Regions with more peak sunlight hours will receive more solar energy to power their GEM.

This data is pulled from the Global Solar Atlas and is calculated by global horizontal radiation (GHI). Each 1 peak sun hour equates to 1kWh/m2 of energy. Regions with more peak sunlight hours will receive more solar energy to power their GEM.

HOW DOES GEM SOLAR POWER WORK?

When sunbeams reach the solar panel, the photovoltaic (PV) cells absorb the sun's energy, creating an electrical current. That electrical current is converted to electricity, and the electricity then goes to the GEM controller and stores the energy in the vehicle's batteries until it's used. This cycle continues whenever your GEM is parked where it can absorb sunlight.



*Based on typical, average use. GEM model, payload, and terrain will impact range. Charge time compared to standard charger. Vehicle model and charger will impact charge time. GEM LSVs comply with the NHTSA Low Speed Vehicles rules and regulations and can be operated on most roads 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. Never drink and drive. For more information, visit www.gemcar.com. All pricing, specifications, claims, and information contained in this brochure are based on information available at the time of publication. Waev® assumes no responsibility for any inaccuracies, opinions, or omissions in those publications. All pricing, specifications, and descriptions are subject to change without notice, and Waev® assumes no responsibility for changes in pricing or specifications.

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