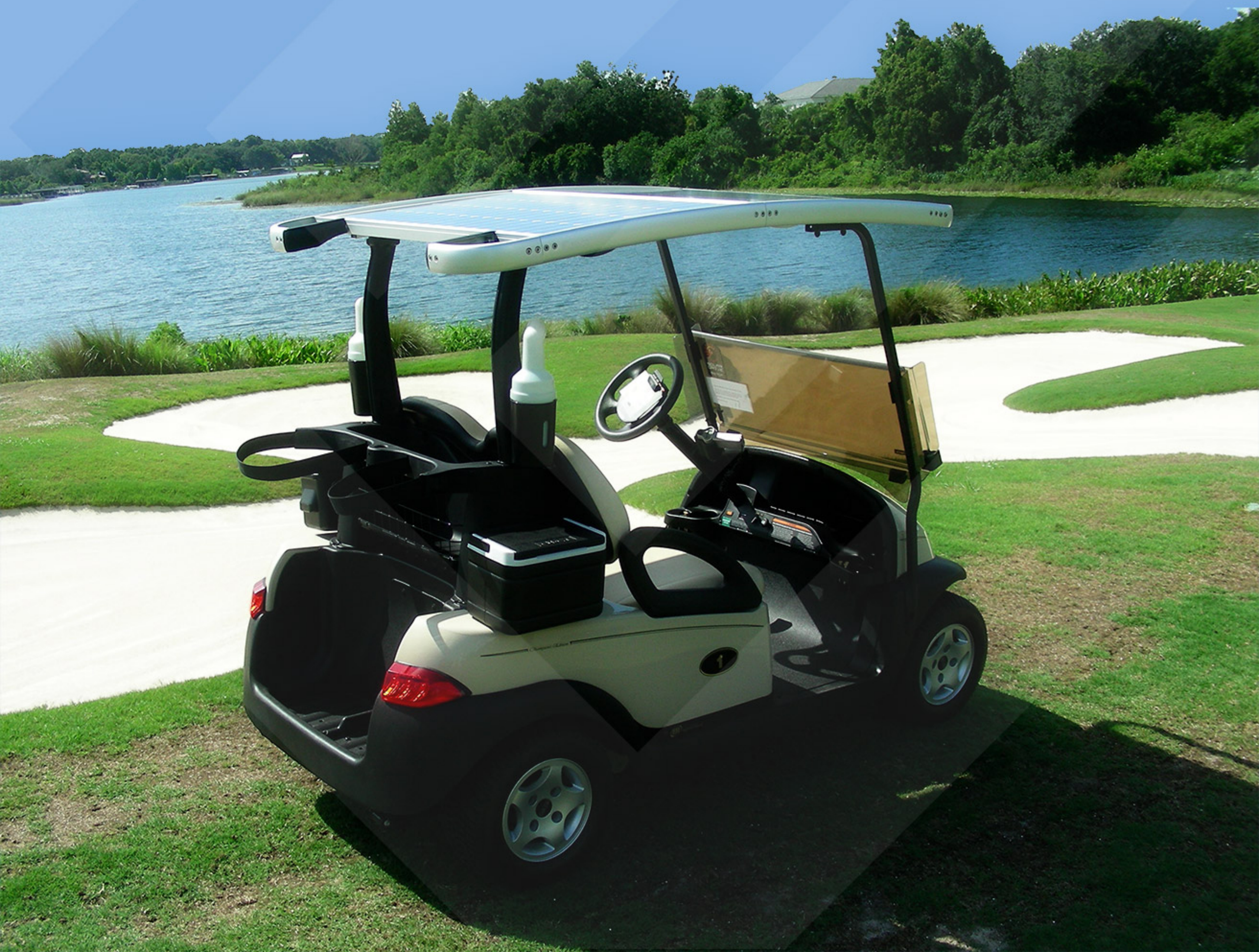
ENERVOLT

SKYROOF

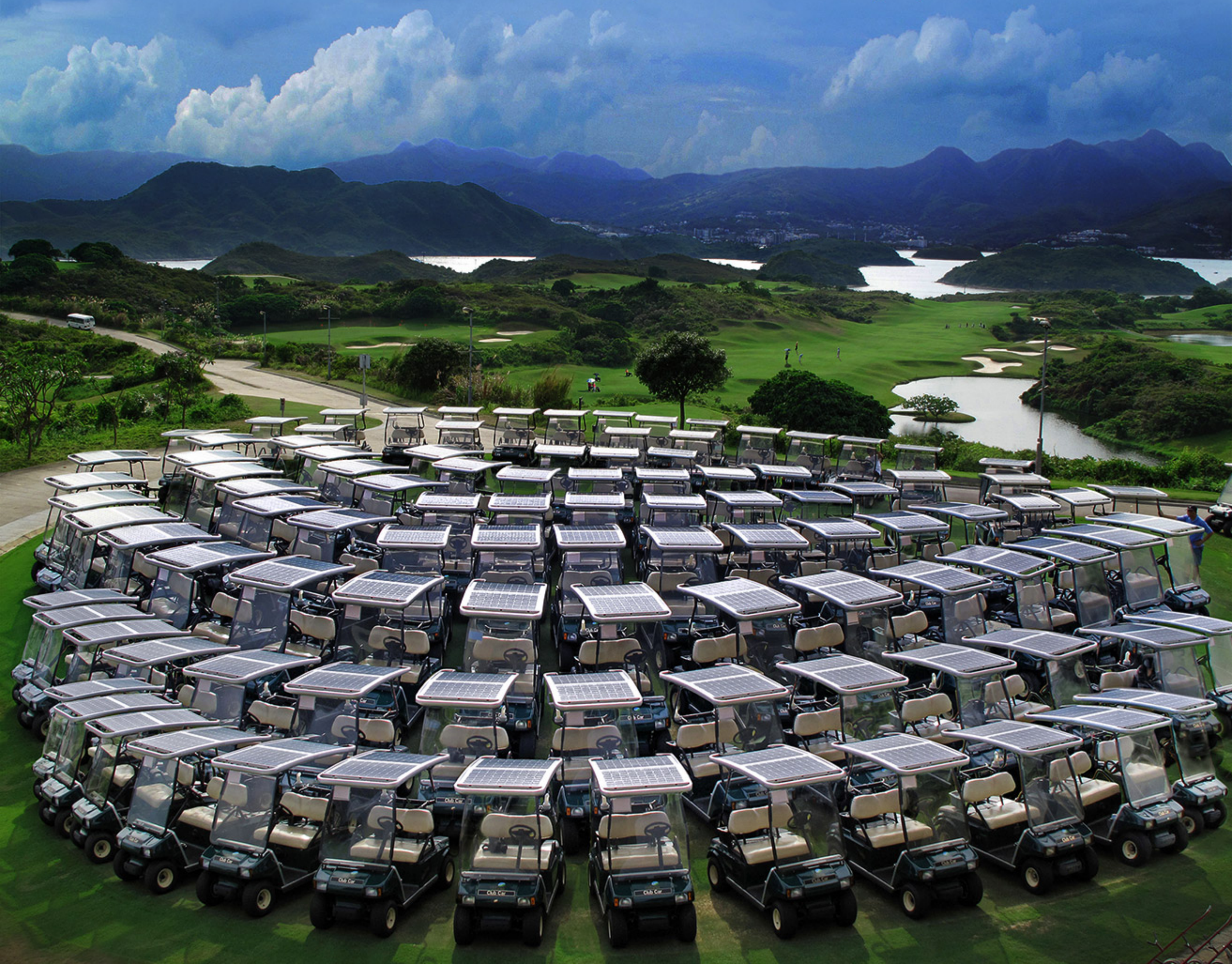
OPTIMIZED SOLAR ROOF SYSTEM



Upgrade to the Solar Skyroof & never plug in again

The Skyroof is an Optimized solar conversion roof replacement system that captures, stores and maximizes the energy harvested from the sun to power a wide range of cruisers. Our integrated Optimizing solar technology increases driving range by up to 35%, decreases charge time and plug-in dependency, maximizes charge acceptance and extends the life of batteries by four-times their normal life-cycle. Coupled with our custom Smart Solar Management Software, our Skyroof provides individual systems and large-scale fleets with real time and cumulative tracking and monitoring of solar infrastructure, energy usage and battery status.

Featuring a universal adjustable mounting system, durable tempered glass and high efficiency solar cells, The Skyroof is simple to install, use, and maintain. The Skyroof's modular construction can be customized to replace the roof of virtually any cruiser.

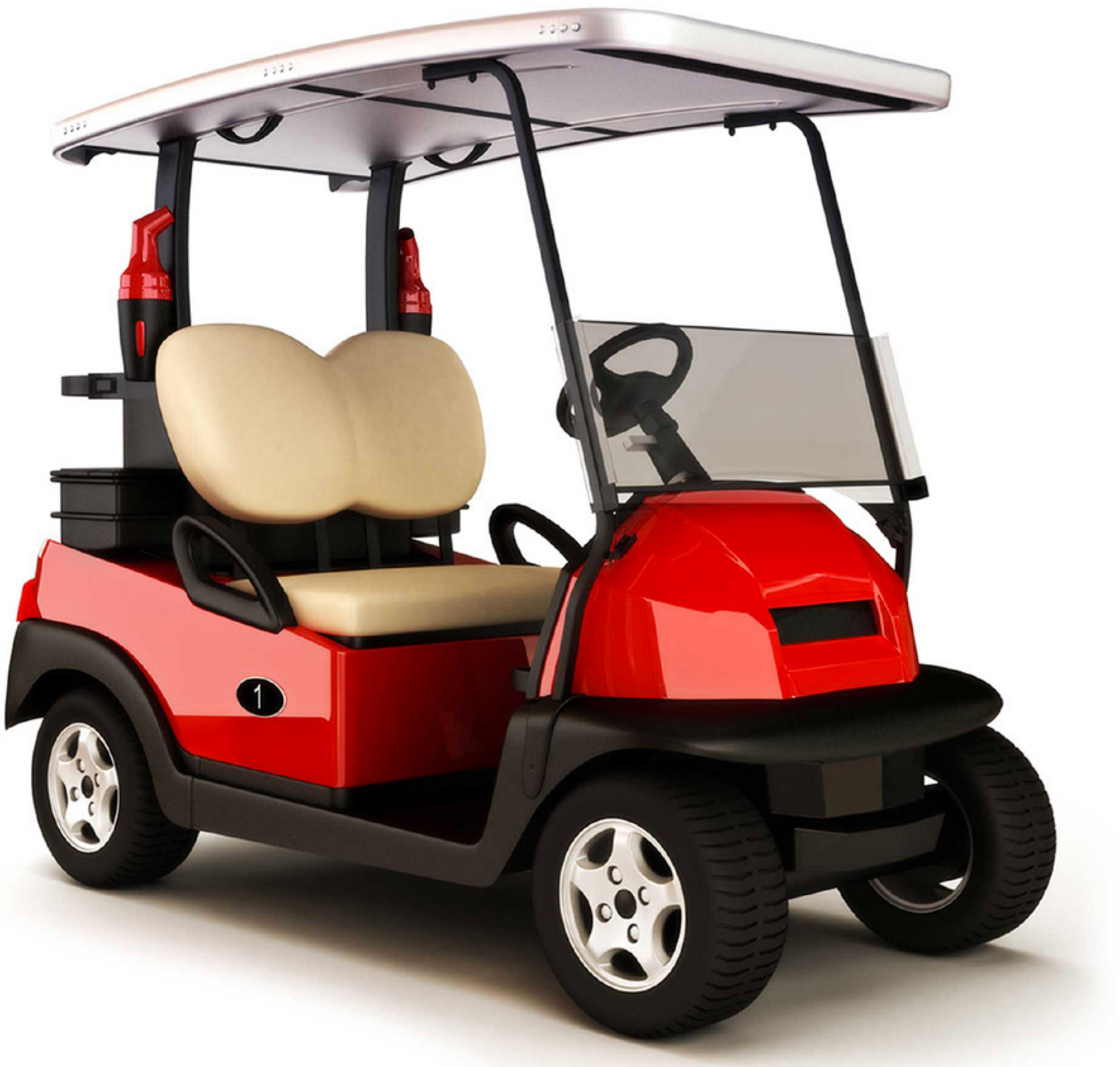


Enhanced power & extended range

The Skyroof extends the range of a standard cruiser by up to 35% and enhances the performance and efficiency of the solar harvest by more than 30%. Our technology ensures maximum power production in all situations by monitoring and equalizing the energy absorbed by individual solar cells to sustain power delivery at full capacity, including during cloudy conditions and peak demand periods. For cruiser fleets, upgrading to The Skyroof eliminates the need to purchase additional cruisers to handle overflow.

Extended battery life, faster charging speeds & 100% recharge capacity

Our integrated Optimizing technology monitors battery voltage, current flow and battery temperature, resulting in faster charging speeds, less time spent plugged in to the grid and 100% recharge capacity. Our built-in Optimizing technology reconfigures energy into smaller packets, distributing only the necessary voltage to prevent over and undercharging of batteries, maintaining optimal battery health and extending the life of batteries up to four times their normal life-cycle.



Smart Solar Management Software

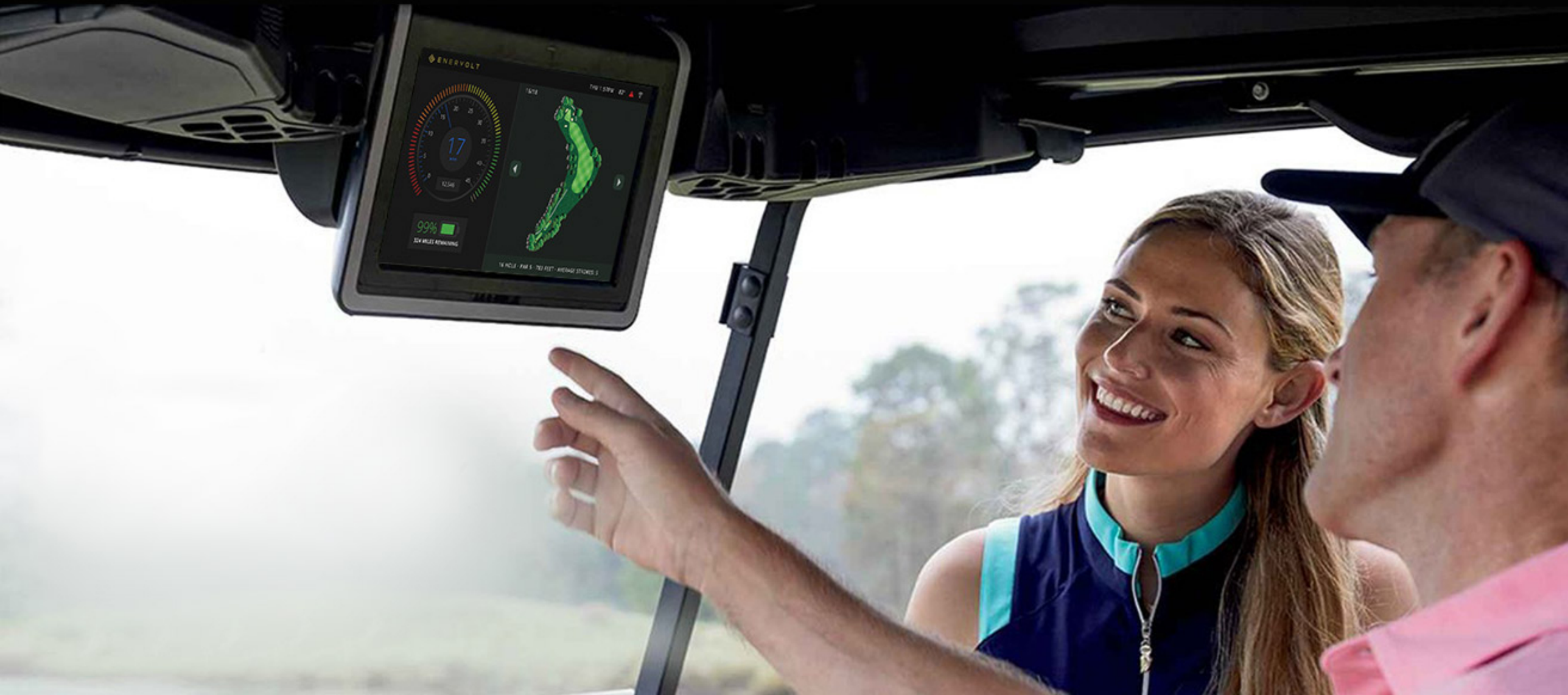
Our Skyroof system includes our Smart Solar Management software, offering real time and cumulative monitoring and management of solar infrastructure, energy usage and battery status. Our intelligent AI technology gives individual systems immediate and valuable information regarding system performance and energy savings, all delivered in a sophisticated, user friendly bluetooth data stream to mobile devices.

Customizable Integrated Dashboard

Upgrading to include our Smart Solar Dashboard, a 16" waterproof LCD touchscreen, gives cruiser drivers access to important real-time metrics while driving, including battery health, battery charge, cruising speed, miles remaining and trip distance. Enjoy additional access to maps, music , emergency response tools and more.

Fleet Management Software

Our remote bluetooth fleet management software ensures a positive ROI on solar investments by tracking usage patterns and collecting user data. With daily, weekly, monthly or even real-time data, our software provides automatic recording of energy gains and consumption without having to piece together charging data. Our software helps to improve the efficiency of solar infrastructure by quickly identifying locations where the system is expending the most energy.



Modular design to fit any cruiser

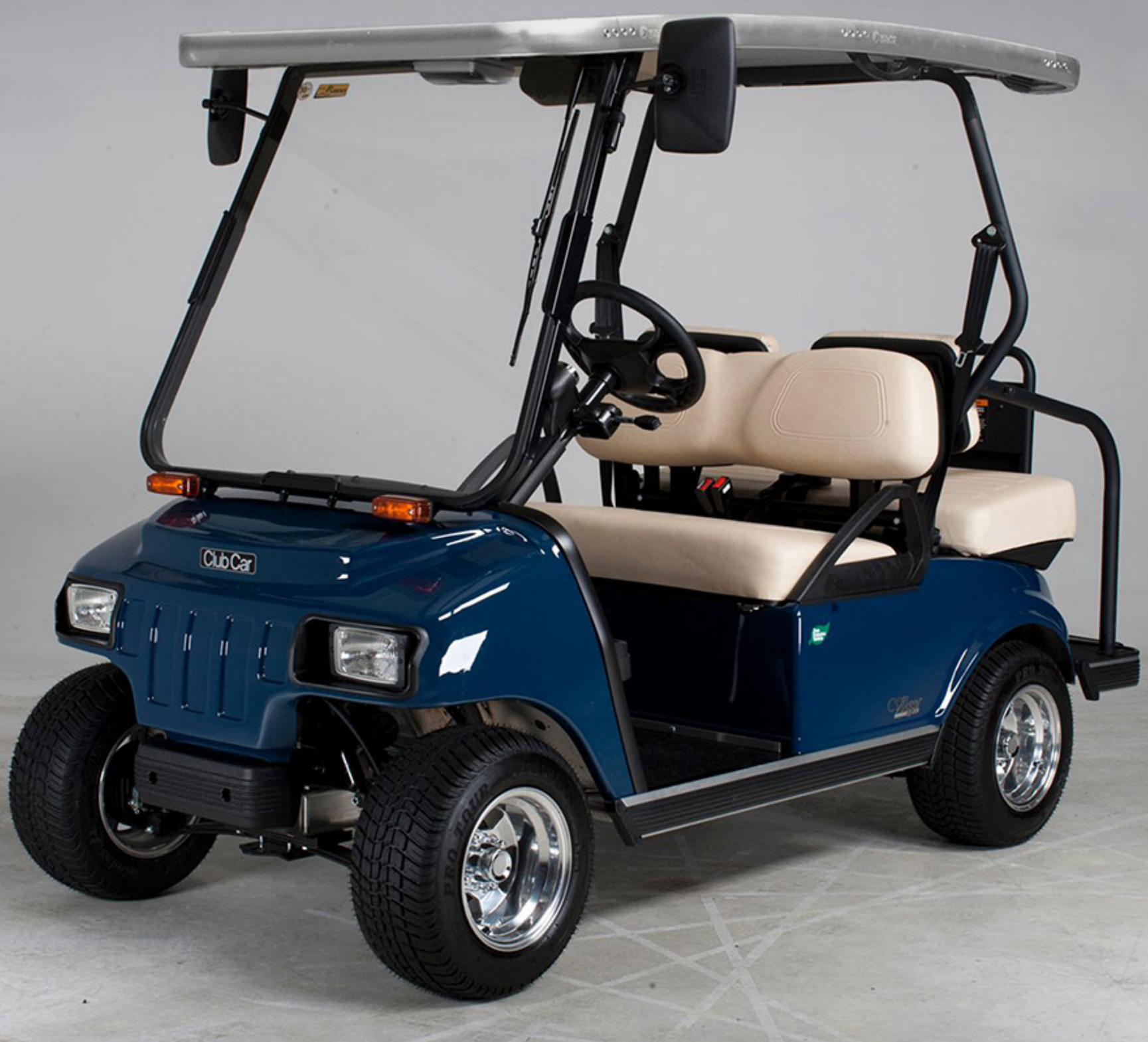
The skyroof is a modular construction that easily replaces the roof of most standard two to eight seater cruisers. Offering 48 sizes and combinations, the modular construction of the system allows the Skyroof to be customized to fit virtually any cruiser.

Easy installation & maintenance

Featuring tempered glass with high efficiency European solar cells, the Skyroof offers high performance with extreme durability. Delivered pre-assembled and featuring a universal adjustable mounting system and simple electrical connections, no special tools or knowledge are required, making installation as simple as plug & play.

Save money while going green

The global trend toward promoting sustainable energy has resulted in several government sponsored tax credits, grants, rebates and tariff programs for converting to solar, making it simple to save money while going green.

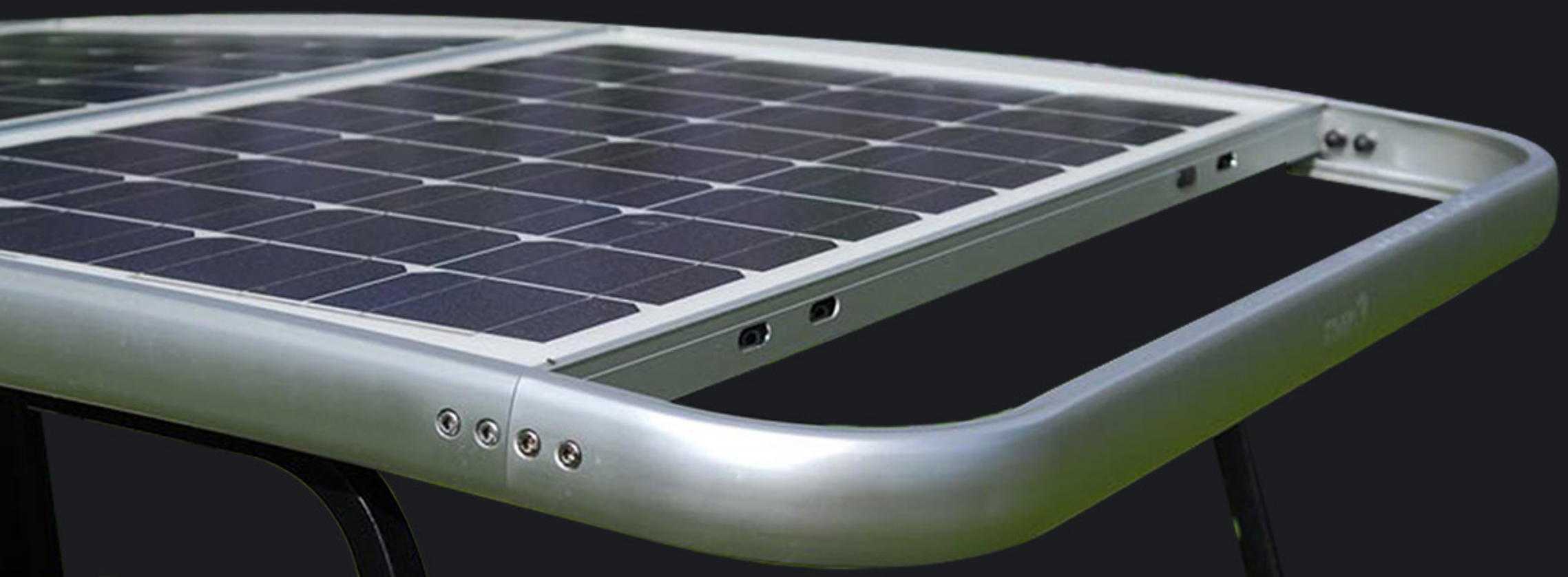


Skyroof features & benefits

- Increased driving efficiency, with an extended range of up to 35%
- Easy installation (roof comes fully assembled)
- Solar Charge Optimizer increases solar panel output up to 30%
- Extends battery life up to four times their normal life cycle
- Reduces or eliminates the need to plug in for grid based charging
- Reduce the size of your fleet: less recharging of cruisers required
- Inductorless voltage boost design
- Fastest MPPT algorithm in the marketplace without open circuit shutoffs
- Bluetooth programmable
- Mobile app displays and tracks watts generated and remaining in real time
- Remote bluetooth fleet management
- Data capture & logging for future product updates & Optimizations
- Panels are made of long life mono- or poly-crystalline solar cells
- Modular construction for 2 - 8 seater cruisers
- LED charge indicator lights
- CO2 emission free charging and driving
- Charge while driving and golfing
- Rental revenue improvement
- Reduction in electricity charging costs
- Fits most cruisers
- Low maintenance costs
- Easy transfer to your next cruiser
- Carbon footprint neutral after one - three years
- Save money with tax credits and rebates

Enervolt Solar Skyroof Specifications

Frame Type	Aluminum profiles
Modularity	W: 1144mm, L: 1477 - 3575mm
Flexibility	Almost any cruiser brand
Weight	33.5 kg/73.8 Lbs
Dimensions	Roof model dependant
Connection	Simply bolt-on leads
Environmental	Waterproof
Panel Material (Front)	Tempered glass
Cell Type	Monocrystalline German
Cell Efficiency	18.5 %
Absolute max panel open-circuit voltage (VOC)	60V
Max Power	200-400 WP
Nominal Battery System Voltage	36 - 48V
Lead-Acid / AGM / GEL / Sealed / Flooded	Battery auto sense / bluetooth
Min panel voltage for charging	Half Battery Voltage
Bulk voltage (Battery voltage dependent)	43.2V or 57.6V
Absorption voltage (Battery voltage dependent)	42.6V or 56.8V
Absorption time	2 hrs
Float voltage (Battery voltage dependent)	41.4V or 55.2V
MPPT tracking speed	16.6HZ
Tracking accuracy	99% typical
Electrical efficiency	92% to 95% typical



Upgrade your cruiser fleet to Optimized solar, gain market advantage & enjoy a great ROI.

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