

NEW FROM CRUISE CAR

The Sunray Solar Roof Kit

**Saves Money.
Saves Energy.
Saves the Environment!**

Now everyone can enjoy the benefits of owning a solar golf cart, with the Sunray Solar Roof Kit* from Cruise Car! This revolutionary new product offers an easy and affordable way for your customers to GO GREEN. No gas is required to run a solar cart!

The Sunray Solar Roof Kit...

- Is Easy to Assemble
- Fits Most Popular Golf Cart Models
- Is an Easy Up-sell That Provides Significant Profits
- Allows Customers to Save Even More Money with Tax Credits for Purchasing Solar

These solar panels can generate up to 180 watts, 60 volts and supply a hefty 3 amps directly to a 36 or 48 volt battery. As long as the vehicle is in the sun, the battery is constantly recharging itself through the solar panel.

Converting a cart to a Sunray top will benefit the end user by increasing the distance the cart can go on a single charge by 30%. A golf cart with a solar-panel is ideal for trips around town, around the neighborhood or for those extra rounds of golf. With the Sunray Solar Roof Kit, your customers can do their part for the environment and save on energy costs. Even previous customers can now have a solar cart and not have to give up the vehicle they currently own and enjoy.

Call Cruise Car today and start selling soon!

**Patent Pending*



SPECIFICATIONS

Model	SSR 36V
Rated Maximum Power (Pmax)	160W
Current at Pmax (Imp)	2.65A
Voltage at Pmax (Vmp)	50.30V
Short-Circuit Current (Isc)	2.70A
Open-Circuit Voltage (Voc)	85.25V
Nominal Operating Cell Temp	120 F
Cell Technology	Mono-Si
Model	SSR 48V
Rated Maximum Power (Pmax)	160W
Current at Pmax (Imp)	2.31 A
Voltage at Pmax (Vmp)	69.2V
Short-Circuit Current (Isc)	2.46A
Open-Circuit Voltage (Voc)	87.31V
Nominal Operating Cell Temp	120 F
Cell Technology	Mono-Si
Overall Dimensions	72"L x 43.5"W x 3" Deep
Solar Panel Weight	34 lbs
Solar Panel with Roof Frame	43 lbs

*All technical data at standard test condition
AM=1.5, E=1000W/m² Tc=25 C*



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FREQUENTLY ASKED QUESTIONS

How does the solar work?

The solar cells, built into the panel, convert sunlight to electricity just like a solar calculator only with a lot more power.

How much power does the solar panel produce?

The solar panel is designed to charge a 36 or 48 volt battery system. The panel produces up to 180 watts at 60 volts to charge the 36 or 48 volt batteries, thus, up to a 3 amp continuous charge is being produced from the panel when exposed to direct sunlight.

How does that affect the vehicle?

It increases the range of the vehicle between charges by up to 33%. So if a regular, non-solar vehicle gets 40 miles between charges, the Sunray Solar vehicle will travel 55 miles between regular plug in charges.

Another benefit is that the solar will extend the battery life by giving the batteries a continuous charge. If a normal set of batteries last three years, the Sunray could extend the battery life an additional two years or more.

Also, the vehicle is a portable solar generator. If the regular power goes out, you can install an optional 12 volt plug so you can plug 12 volt appliances into it such as a small TV, lights and even a small refrigerator. If you plug an inverter into the 12 volt socket you can operate regular 110 volt appliances off of the batteries.

Finally, the Sunray Solar Top has no moving parts and is designed to last 20 years, assuming it is not damaged by an accident. The Sunray Solar Top will never lose its value and when sold to a new owner, that owner will be able to take the tax credits if they are still available at that time.

How does the tax credit work?

As of January 1, 2006, an investment tax credit for utilizing solar went into effect. IRS form 3468 line 2b allows for a 30% tax credit for investing in solar. The solar panel and the batteries are all part of a solar system on the vehicle. For example, the retail value on a new Cruise Car is \$2,700.00 for the solar panel and \$600.00 for the batteries, which equals \$3,300.00. Therefore, the tax credit for our Sunray Solar vehicle is \$990.00 (the numbers need to be modified for purchase of just the solar roof). Be sure to check with your state for additional tax credits.

For more information go to:
<http://www.irs.gov/pub/irs-pdf/f3468.pdf>

Can I make my vehicle street legal with a solar top?

Yes. For example, our Sunray and Kudo vehicles can be made street legal. They now come with VIN#'s. Check with your state and community regarding the laws in your area.

GENERAL INFORMATION

Solar Panel:	Up to 180 watts
Flexible Frame Mounting:	Unique design for golf cart that allows roof to be adjusted for various uses
Frame Cushion/Stabilizer:	Cushion to control mobility structural impact
Stainless Aluminum:	All screws, nuts and bolts rust proof
Washers and Connectors:	Marine grade or comparable
Support Posts:	Powder coated design to fit all major brands
Wiring:	Pre-wired through support posts that will attach to batteries
Diode:	Will be incorporated into regulator
Regulator:	Unique design for regulating battery voltage



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