



**SOLAR**  
ELECTRIC VEHICLE SYSTEMS  
Solar Roofs for Golf Carts & Electric Vehicles  
[www.SolarEVsystems.com](http://www.SolarEVsystems.com)

## 235w / 280w Solar Roof



### Key Features & Benefits

- 235w/280w integrated solar roof system
- Bolts to existing factory roof supports
- Auto Switching – No disconnecting solar charging with “Plug-In” charging
- Increased Battery Life by 25-75%\*
- Increase Driving Distance 5-15 Miles\*
- Save up to and over \$400 Annually\*
- 30% Federal Tax Credit Eligible
- Factory Fit – Bolts to Existing Location
- Faster Nightly “Plug-in” Charging\*\*
- Decrease “Plug-in” Dependency
- 25-75% Reduction in “Plug-in” Energy Use & Consumption\*\*
- 97% Efficient Integrated Digital MPPT Solar Charge Controller
- 36 / 48 / 72 Volt Configurations
- 100% Made in USA
- 280w *custom roof may require additional roof support for installation*

Solar Electric Vehicle Systems  
1260 SE Industrial Blvd - Port Saint Lucie, FL 34952, USA  
Phone: 352.377.9554 | [www.solarevsystems.com](http://www.solarevsystems.com)

Electrical specifications based on 1kw per/day of plug-in utility energy used & two year battery replacement costs. \*Max power output under trickle charge (amps-10% under full charging) & max sunlight conditions \*\*Continuous recharge rate above 80% / 20% battery reserve/depletion will extend battery life. Solar EV Systems is not affiliated with the Trademarks/Brands mentioned; all are property of their respective owners. Average distance calculated by in-house testing on flat, paved roads with 100% sunlight conditions using industry standard 48v Trojan T105 Battery Pack.

## Product Specifications

### 235 Watt Solar Roof

Dimensions: 72 x 47 x 3  
Weight: 65 Pounds

#### 48v Battery System

4.07 Amps Bulk Charge at 57.6v  
4.13 Amps Absorption Charge at 56.8v

#### 36v Battery System

5.43 Amps Bulk Charge at 43.2v  
5.51 Amps Absorption Charge at 42.6v

### 280 Watt Solar Roof

Dimensions: 84 x 47 x 3  
Weight: 80 Pounds

#### 48v Battery System

4.86 Amps Bulk Charge at 57.6v  
4.92 Amps Absorption Charge at 56.8v

#### 36v Battery System

6.48 Amps Bulk Charge at 43.2v  
6.57 Amps Absorption Charge at 42.6v

### 72 Volt Systems Also Available

#### All Solar Roofs Proudly Made 100% in USA

- Rust FREE 100% Aluminum Construction
- Dual Layer Powder Coated
- Anodized Solar Module
- All Stainless Steel Fasteners
- Integrated MPPT Charge Controller is Weather-proofed & Environmentally Encapsulated
- Industrial Grade Electrical Cabling
- Two Year Limited Warranty
- Five Year Limited Warranty on Charge Controller
- 280w roof may require additional roof supports

\*Specifications subject to change without notice due to improvements to solar specifications and technology

### Factory Installed Options

DOT Marker lights, LED Dome Lights, LED Strip Lighting, Bluetooth Stereo with 2-4 speakers, Security / LED Strobe Beacons

### Factory Fit Compatibility

ClubCar Precedent	STAR Classic & STAR EV's
ClubCar DS 2000+ & 99-	Bad Boy Buggy
EZ-GO RXV / TXT / S4	HDK Vehicles
Yamaha Drive	CITI / MOTO Electric

## Featured Models



STAR Classic 4+2  
280 watt Solar Roof



EZ-GO TXT 36v  
235 watt Solar Roof



4x4 Beach Patrol 72v  
280 watt Solar Roof



STAR Classic 2P  
235 watt Solar Roof

Your Local Solar Electric Vehicle Systems Dealer:



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