

# Solar Plug-In Prius



# The Solar Prius Experience

- ▶ A Solar Prius kit gives you the opportunity to run your car... with the power of the sun!
- ▶ With the Solar Prius Plug-in kit, your car can operate up to 30 miles per day in the battery solar mode, improving your fuel economy up to 34–60%. (depending on driving habits – under 42 MPH–and conditions)



- ▶ The Solar Prius roof (Patent Pending) is the first custom-fabricated compound convex solar module being commercially produced.



- ▶ The SEV system doesn't require plugging in for charging, but a plug-in option is now recommended to improve the car's performance.



# Solar Prius Kit Pricing Options

- ▶ Solar Panel & Controller Installation Kit Only  
\$3500
- ▶ Plug-In Supply also offers a selection of plug-in capable Prius Packs (rechargeable kits)  
\$Varies – <http://www.pluginsupply.com/products.htm>
- ▶ We can also provide installation services for:
  - \* Solar Roof only – \$800
  - \* Plug-In Prius conversion – \$1200
  - \* Both Solar Roof & Plug-In Prius conversion – \$1750

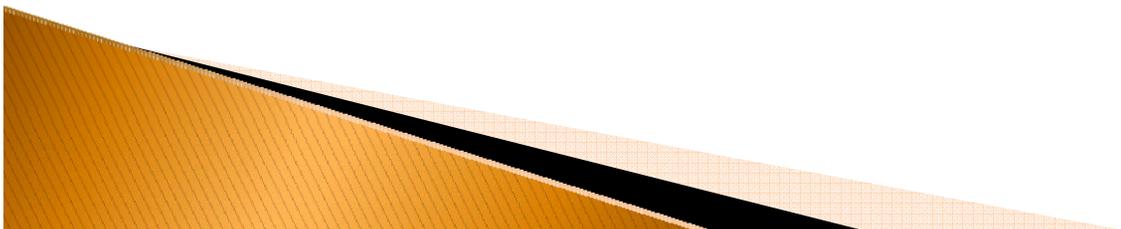
(The Solar Prius roof works with or without the plug-in option. The plug-in option allows you to charge your car's battery from a 15A, 120 VAC garage electrical outlet at the equivalent of 75 cents a gallon, 16 miles a day.)



# Plug-In Prius Hybrid Performance Specifications

- ▶ 70 miles per gallon city, under 42 MPH
- ▶ 54 miles per gallon highway, over 52 MPH
- ▶ 62 miles per gallon combined, under 52 MPH

(Nominal Fuel Economy Rating provided by Toyota)



# Fuel Consumption of Stock Prius & Plug-In PV Prius for 100,000 miles

|              | Gallons of Gasoline for 100,000 miles |                    |                    |
|--------------|---------------------------------------|--------------------|--------------------|
| Fuel Economy | Stock Prius                           | PV Prius 34% Solar | PV Prius 60% Solar |
| 45 MPG       | 2222                                  | 1466               | 888                |
| 62 MPG       | 1612                                  | 1064               | 645                |

\* Performance depends on driving conditions



# PV / Battery / Plug-in Specs

- ▶ Available for 2004–2009 Prius cars
- ▶ The solar roof consists of 146 4-inch monocrystalline high-performance photovoltaic cells with a 16% efficiency rating
- ▶ ('04 –'09 models) 288VDC, 3.8kWh Battery Storage for the plug-in PV system



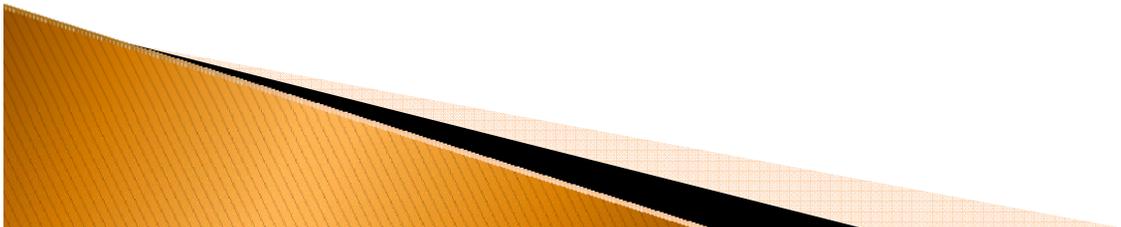
# Solar Prius Program

- ▶ We are now offering the Recycled Prius Program where we sell converted Solar Plug-In Prius cars for \$25,000
- ▶ All converted used cars are sold as is condition.
- ▶ To convert your Prius locally (So Cal Area) we will need the car for at least a 48 hr period.
- ▶ What's more green than recycling a Prius?



# Solar Prius Warranty

- ▶ We offer a 90-day labor and materials warranty covering manufacturer's defects.
- ▶ You can purchase an additional 1-year warranty that covers the materials & workmanship of the roof for an additional \$600.



# Ordering Process

- Send a \$500 deposit check made out to SEV to place your order. The check will NOT be cashed until your kit is ready to be sent out. We will request payment in full with shipping costs FOB from CA, USA 91361 before shipment. Please mail your deposit to:

Solar Electrical Vehicles  
742 Hampshire Rd, Suite A  
Westlake Village, CA 91361  
Attention: Billy Bautista

- Lead times for each customer will depend on overall demand and product availability, but we expect orders to be filled within 6-8 weeks of receiving your deposit.



# Solar Prius in the News

- ▶ The Solar Prius is highlighted in videos on YouTube from KTLA 5 coverage as well as our own internal video. ([www.youtube.com](http://www.youtube.com) – search Solar Prius)
- ▶ The Solar Prius is also a major topic for many major publications such as:
  - CNN – <http://edition.cnn.com/2009/TECH/01/28/solar.powered.cars/>
  - WIRED – <http://blog.wired.com/cars/2008/12/the-solar-prius.html>
  - NY TIMES – <http://wheels.blogs.nytimes.com/2009/01/07/solar-cars-not-likely-anytime-soon/>
- ▶ The Solar Prius was featured in the 2008 Maker's Faire. We've also been seen at the Clean Air Pasadena Show, the Ventura County Street Fair and the Saugus Speedway Show.



# If You Have More Questions ...

- ▶ If you haven't already, please check out our website [www.solarelectricalvehicles.com](http://www.solarelectricalvehicles.com) for additional information on the roof panel and kit.

