

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
- ▶ Solar Panel, Controller and 3.8kWh SLA Batteries Kit
\$4500
- ▶ Solar Panel, Batteries and Plug-In Option Kit
\$7200
- ▶ Convert your Prius to a Solar Plug-in Prius
(So Cal Area)
\$ 12,000

(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)



Solar Prius Programs

- ▶ We are now offering the Recycled Prius Program where we sell converted Solar Plug-in Prius cars for \$25,500.
- ▶ All converted used cars sold as is condition.
- ▶ To convert your Prius locally (So Cal Area) we will need the car for a week for conversion.
- ▶ What's more green than recycling a Prius?



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 2004–2008 Prius cars
- ▶ The solar roof consists of 146 4-inch monocrystalline high-performance photovoltaic cells with a 16% efficiency rating
- ▶ ('04 model) 240 VDC, ('05–'08 models) 288VDC, 3.8kWh Battery Storage for the plug-in PV system



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 the 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 to:

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

- ▶ Due to hundreds of inquiries and orders already placed, we are experiencing a 2 month delay in processing roofs.



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 – search Solar Prius)
- ▶ The Solar Prius was featured in this year's 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 for additional information on the roof panel and kit.

