

Can you use batteries from prius for home solar

Do you need a new Prius battery?

Many drivers will not need a new Prius battery for a long time, which saves them money and eliminates the hassle of replacing it. Driving habits that are hard on an engine, like stop-and-go driving or short trips in city traffic, may shorten the lifespan of your Toyota Prius Battery. How is the Prius battery better than other hybrid batteries?

Can a Prius battery be charged at home?

The Prius battery can be recharged at home. Search the net and you'll find the special 200V charger required. You can't charge the "traction battery" from the 12V system, though you can charge the 12V battery from the 208 V system. What you have to realize is the current car is a "system". All parts are interrelated.

Does a Prius have a hybrid battery?

Apart from the OHT hybrid battery, each Prius is incorporated with a 12 V battery, which helps in starting the car if the OHT battery is weak or flat. This auxiliary battery is usually possessed of a longer life cycle and the hybrid system can mostly depend on the main battery for movement.

Is a Prius battery worth it?

A Prius battery or any other hybrid/EV NiMH-based battery is essentially worthless for off-grid storage unless you want to build an absurdly complex and inefficient charging system. NiMH can't be paralleled due to the full charge voltage characteristics. NiMH cells experience a voltage drop when they are fully charged.

Should EV batteries be used on a Prius?

There has been speculation about using true EV batteries that have been depleted to about 80% of capacity for storage, but using that basis on the Prius battery, you'd only have 5.2 Ah of capacity per cell. So you'd be using more cells, and each cell would be more expensive on a per kWh cost.

How many volts does a Prius battery need?

A scan gauge installed in a number of Prius confirm this. According to this guy the nominal voltage for the Prius battery is 220 volts. If you dig into his site he has lots of test data and describes how he bought a mid-range UPS which requires 220 volts nominal for home backup (leaving the Prius running to act as an inverter-genset).

Charging the Plug-in Prius with Solar Power Summary The "Sunny Boy" 4kW inverter has a "secure power supply" that is specified to provide 1500W if the grid goes down. According to my measurements, the Prius takes about 1250W at ...



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