



Optional solar roof on the new Prius Prime adds about 3???4 miles of range/day. motortrend. It's a 185 watt panel with a list price of \$610. Solar systems are good for many years with no maintenance. They didn't give a wiring diagram or anything, but they may have been able to make do with the EV DC-DC converter between the 12V and traction



I want to eventually figure out a solution to attach rigid solar panels to my Prius C roof (with a roof rack), in a way that doesn't cause significant drag. At the moment my only idea is to somehow create a "ramp" in front and behind the panels. But I don't have the ???



An additional option for the XSE Premium is a 185W solar roof, that is capable of charging the drive battery with the power of the sun while parked. The solar charger also supplies power to auxiliary functions while driving.



The all-electric Leaf from Nissan doesn't offer a full solar roof like the Prius, but it does have a solar panel option that sits on top of the car's rear spoiler. You can't just get the solar spoiler by itself, however, as it comes wrapped up inside the ???



What happens when the Prius Prime gets AC power. Does it actually cause any relays to switch? Any car-mounted solar panels will suffer sub-optimum solar exposure conditions, i.e. more shade and poorer exposure angles than typical home solar systems. Car-mounted systems will also suffer additional air and weight drag.



The all-new Prius Prime also blends its athletic side with a bit of star powered tech: a solar roof. This on-board charging feature uses roof mounted solar panels to recharge the Prius Prime's battery when parked. The panels deliver supplemental power to accessory functions, like air conditioning, when driving and they also use a clever



Solar roof panels will also soon feature on other Toyota hybrid vehicles, says the car-maker, once the initial high costs of production have been reduced. Other car-makers, including Audi, has offered solar powered features in its vehicles in the past but not, claims Toyota, to the extent of the new Prius.



What is changing? In November, Toyota announced its next-generation Prius, which includes an option for a solar roof that can charge its battery. While earlier models could power the air conditioner, the new model's ???



My 2014 Prius Four not IV will be parked pretty regularly for about 5 or 6 days at a time, but probably not longer than a week or two at most on occasion. The most appealing option to me seems to be the small solar panels produced by VW which can sit in the rear window and be wired directly to the 12V battery.



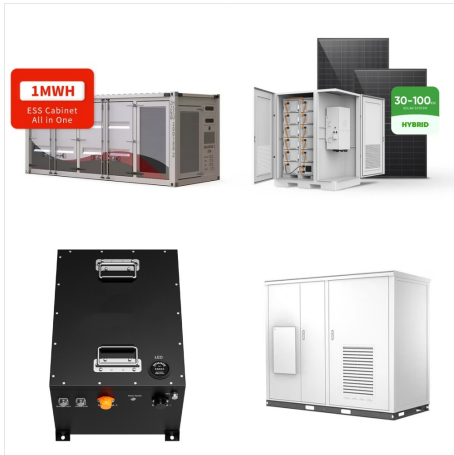
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If one wanted to purchase high-capacity super-absorbent solar panels and affix them to the roof of the Prius and have it power the car, would it be possible? That would be cool if you could buy a custom curved solar panel, in the near future, that was super absorbent (ie: 1 panel was equivalent to 3 or 4 older panels ) and matched the



Unlike the production Prius, which has a solar charging system in some markets, the prototype car seen here can take the sun's energy from the solar panels and directly charge the battery while



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The solar panel does work. I've been comparing temperature readings with solar vent on and off, and with or without a windshield heat shield. I can't open my windows because of dust. When it is very hot and sunny (~100F) the car interior will be about 125 with vent running. Without the solar vent the temp will be over 150F.



We have 2017 Prius PHV (Japanese import) with a solar roof. You don't really notice that it adds much range driving it day-to-day. Then we left it in the airport parking for 9 days. If I had to pay a few thousand more for solar panel, it would definitely make that option less attractive. It's nice to have, but if it costs you \$\$\$, think



Koji Toyoshima, Toyota's chief engineer for the Prius plug-in, says that the solar panel will increase car's efficiency by up to 10 percent. In good conditions, the panel will likely add about



That's a big jump from the current solar roof that Toyota offers on the Prius PHV in Japan, which delivers 180 watts of power from panels that are 23 percent efficient and maxes out at about 3.8



The solar charger also supplies power to auxiliary functions while driving. On Prius Primes equipped with the solar roof, information about power generation is shown in the vehicle's Multi-Information Display. Prime Engineering. Built on the second-generation TNGA-C platform, the 2024 Prius Prime brings a new look that's both cool and



Solar Panel Mounting: The next step involves mounting the solar panels onto the roof of your Prius in a secure and aerodynamic manner. The panels are carefully positioned and attached to the roof using specialized mounting hardware that ensures stability and longevity. Proper mounting of the solar panels is essential to maximize sunlight



Prius (Aug '09 delivery) w/ solar roof and 74,000km. No issues other than some rattling when it's open and I'm going over bumpy roads (it's only held at one end on rails because it goes over the roof, rather than in between the roof and the headliner).



The solar roof on the 2023 Prius Prime is the same size as the older 2017 Prius Prime so the new solar roof should put out about 188W or close to 190W. Pretty impressive since cheap solar panels on a roof are about 15 - ???



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However, I was looking at the setup and brainstorming. I could easily throw a few cheapo solar panels on the top of the car port, run a cord down, bolt an inverter to one of the posts, and have a plug in spot. On top of that, Prius and most modern cars disconnect the lighter sockets to help prevent dead 12V batteries from modern higher