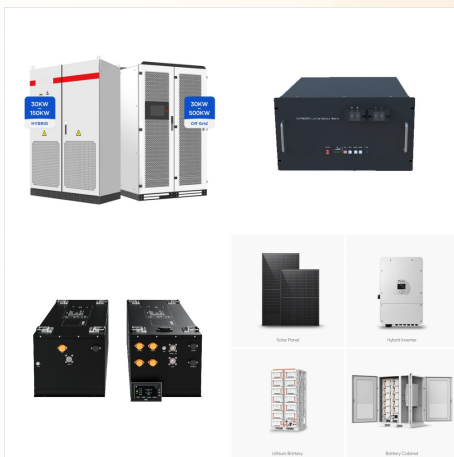
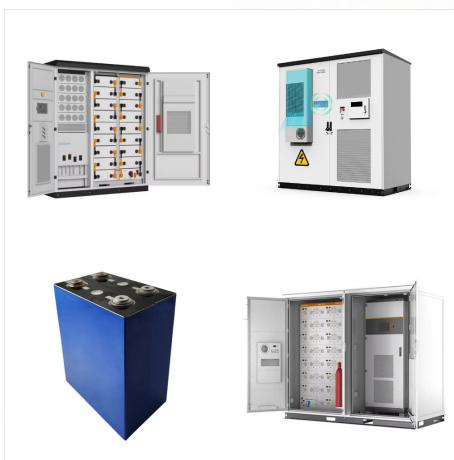




Installing solar panels on your roof can both save you energy costs and reduce your home's environmental impact. Even though there are some DIY solar panel options, installing them is a highly complex project, and you'll still ???



1. Roof suitability. As your solar panels will sit on top of your home, the suitability of your roof is the first thing to assess. Solar panels can add considerable weight to your roof, especially when installing multiple panels at once. It's vital to consider factors like: Your roof's age. Its weight-bearing capacity. How much roof space you have.



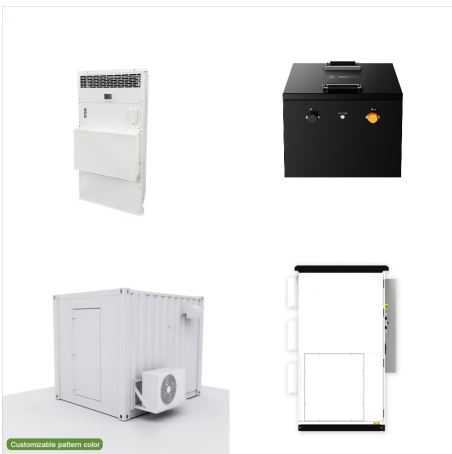
You may be considering the option of adding a solar energy system to your home's roof or finding another way to harness the sun's energy. While there's no one-size-fits-all solar solution, here are some resources that can help you figure out what's best for you. Consider these questions before you go solar. See the Spanish version [here](#).



Solar Roof is comprised of various components, like PV tiles and non-PV tiles, metal flashings that enhance the aesthetic of your roof and solar inverters. Together, these components capture sunlight to produce DC electricity and convert it to AC ???



When we talk about solar panel roofs, we usually picture traditional solar panels mounted on the roof, capturing sunlight through photovoltaic cells and converting it into electricity. However, there's also another option: solar roof tiles also called solar shingles .



Rooftop solar energy systems produce power locally, keeping power production and the economic opportunities that solar energy generates within the community. SETO funds research that helps maximize the value of rooftop solar systems for their owners.



Install Solar Roof and power your home with a fully integrated solar and energy storage system. The glass solar tiles and steel roofing tiles look great up close and from the street, complementing your home's natural styling. Schedule a virtual consultation with a Tesla Advisor to learn more.



Solar Roof brings your roof to life with beautiful tiles that can power your home with clean energy for decades. Created for maximum durability and designed to integrate directly into your home, Solar Roof can help pay for itself over time with the energy you produce.



Here are the steps to take to get powered by sunshine. Choose a solar installer. An installer can help you determine whether your roof is suitable for solar panels. Begin by researching qualified, insured installers online or asking for ???