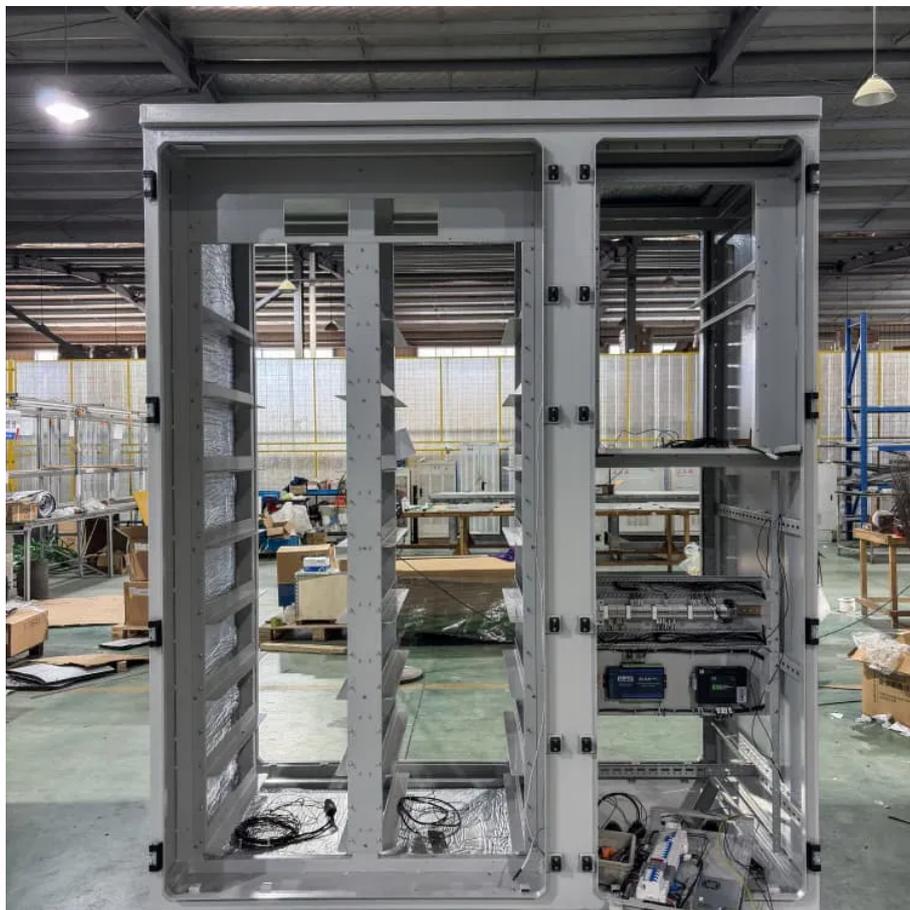


# Home solar control system





## Overview

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What is a solar home system?

A Solar Home System is an independent energy setup designed to power residential appliances using solar energy. It consists of solar panels, a battery, inverter, and charge controller. These systems are especially beneficial in areas with unreliable grid power or where homeowners wish to reduce their carbon footprint. 1. Solar Panels.

How does a solar energy management system work?

An energy management system has several key components that work together to ensure efficient energy use within your home. The energy source monitoring tools are at the heart of systems that work with a solar energy system. They continuously track how much energy your solar system generates.

How does a home solar system work?

A traditional home solar system consists of a few core components that are necessary to provide basic functionality. Here's how it works: The sun shines on a solar panel and the energy is absorbed by cells, creating an electric charge.

What is a smart home solar system?

Simply put, a smart home solar system is one that goes above and beyond simply delivering renewable energy. It takes care of itself, and you in the process. The Enphase Energy System brings solar, batteries, and software together in one complete package so now you can make, use, save, and sell your own power—all through a smart mobile app.



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