

ContainerPower Energy Solutions

Customized flat-plate solar panels for rural areas in South Ossetia



Overview

What is a solar flat plate collector?

Solar flat plate collectors are an affordable solution to rising energy costs. Solar flat plates are long lasting, durable, and cost effective. Flat plate collectors are traditionally used in warmer, sunnier climates. For cooler, cloudier areas, and areas that have long, cold winters, you may wish to consider our solar evacuated tube collectors.

What is a solar flat plate water heating system?

A solar flat plate water heating system is a very simple and maintenance free way to immediately reduce your monthly energy costs. Both evacuated tube systems and flat plate solar hot water systems work in a similar manner.

Does sunearth make flat plate solar collectors?

SunEarth manufactures flat-plate solar collectors for residential, commercial, and industrial use. How do solar collectors work?

As flat-plate solar collectors are exposed to the sun, the plate heats up, transferring the heat. SunEarth ties everything into the plumbing system of your house.

Are your solar flat plate collectors SRCC certified?

All of our solar flat plate collectors are SRCC certified, which is a requirement that allows you to take advantage of the federal 30% tax credit. This substantially reduces the initial cost of your system.

Should I install a solar flat plate system?

Installing a solar flat plate system would mean significantly reducing - or eliminating - these costs. Furthermore, our solar hot water systems qualify for the Federal 30% tax credit, meaning that 30% of the installed cost of your solar hot water system is returned to you the next time you file your taxes.

Why is solar energy a transformative solution for remote rural areas?

Solar energy is a transformative solution for remote rural areas due to its ability to function anywhere despite geographic variations in the resource. Solar panels for standalone home systems, such as solar home systems (SHS), can provide reliable power supply in areas lacking access to centralized power grids.

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