

ContainerPower Energy Solutions

Standard solar panel sizes



Overview

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The kind of material that the solar panel is made of affects its size and shape. Solar panels come in three different types of material: monocrystalline, polycrystalline and thin-film. For example, monocrystalline is the most expensive and the most efficient option. It takes up less space and is lighter than thin-film material. Generally, the more .

Other important factors are wattage and voltage/current requirements. A solar system is an array of interconnected solar panels that provide total system power in watts. The more wattage a solar system produces, the larger the surface area of the panels will be. Solar panels can be connected in a series or in parallel to increase voltage as needed.

Last, but not least, the size of your solar panel system must match desired electricity output needed, says Martin Desmond, a renewable energy expert with Wizer Energy. He says that you'll need to "measure your overall electricity usage from your bill and make a note of the total kilowatt-hours spent." It is important to account for fluctuations in .

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