

# Below the solar inverter





## Overview

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Which solar inverter is right for You?

Each has its place, and the right choice depends on your specific situation. String inverters have been the most common choice in solar installations for years, and for good reason. These systems connect multiple panels (typically 6-12 panels) into “strings” that feed into a single inverter.

Should I undersize my solar inverter?

Now that we are on the same page, let’s talk about undersizing your inverter! Undersizing is not only common but usually recommended. When you hear of a 6.6kW solar system, this will mean that there are 6600W of solar panels installed with a 5kW inverter.

How do I choose the right solar panel inverter?

Choosing the right inverter is essential for effectively managing your solar panel inverter distance. At Advanced Energy Systems, we recommend using high-quality inverters like the Victron Quattro 48/10,000. These inverters are designed to handle higher input voltages.

How does a solar inverter work?

Think of your solar inverter as the brain of your solar system. Your solar panels generate DC (direct current) electricity when sunlight hits them, but your home and business run on AC (alternating current) electricity. The inverter bridges that gap by converting the DC power from your panels into usable AC power for your property.



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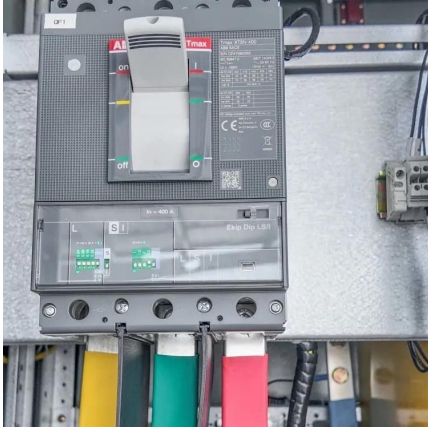
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