



## A-Core Container

# 500W Class A Solar



## Overview

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What is a 500 watt solar panel?

Another defining feature of many 500-watt solar panels is the use of bifacial technology. Bifacial panels can absorb sunlight from both sides, maximizing energy generation. However, this double-sided capability is most effective in ground-mounted or utility-scale installations, where the back side of the panel can receive direct sunlight.

What is a JA Solar 500W solar panel?

The JA Solar 500W Panel is optimized to minimize the effects of temperature rise, maintaining reliable output under various weather conditions. The JA Solar 500W Deep Blue 3.0 Solar Panel is ideal for: Residential Roofs: Due to its high power density and compact size, this panel maximizes energy production in limited spaces.

How much does a 500 W solar panel weigh?

In terms of weight, 500 W panels weigh about 71.2 lbs (32.3 kg) each. That's a lot heavier than the average weight of solar panels of between 40 and 50 pounds. This heaviness means 500 W panels are better suited for commercial uses.

What is a 500W deep blue solar panel?

The 500W Deep Blue 3.0 JA Solar Panel utilizes 11BB PERC technology with half-cell design, significantly boosting energy generation while improving resistance to shading. The PERC technology increases light capture and enhances efficiency under low-light conditions, allowing the panel to maintain high productivity even in cloudy environments.

Are 500 watt solar panels a good investment?

As the solar market evolves, the introduction of 500-watt solar panels has garnered significant attention, particularly within the commercial sector.

These panels are not your typical solar setups; they boast increased efficiency and substantial power output.

Can a 500 watt solar panel fit in a small space?

Homeowners seeking to install solar panels often have to navigate various roof structures, angles, and configurations that 500-watt panels might not accommodate efficiently. Smaller panels can easily fit into unique spaces, allowing for optimized system layouts.

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### Contact Us

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