

# A flexible solar panel





## Overview

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What are flexible solar panels?

Flexible solar panels, named PowerSails, can be attached to sails or even incorporated into the laminate for an extremely durable alternate energy source. Each square metre of these panels weighs only 100 grams and is capable of generating 100 watts of power. They do not require constant direct sunlight to generate electricity.

How to choose a flexible solar panel?

Some things to consider while purchasing flexible solar panels are – Power Output: Check the power the panels can supply and buy the one that provides the best energy output. – Longevity: Choose the panel that can last for a long time. – Efficiency: Select the one that is more efficient than the others.

How efficient are flexible solar panels?

Most flexible solar panels have lower efficiency ratings than their traditional counterparts. Expect 10%–15% efficiency from typical flexible solar panels. Some high-quality flexible panels have efficiencies as high as 23%–25%. Flexible solar panels work best for campsites, recreational vehicles, and boats due to their flexible design.



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