

## ContainerPower Energy Solutions

# Cost advantages of double-glass bifacial modules



## Overview

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Their double-sided design and durability provide better long-term performance, but higher upfront costs and specific installation requirements may limit their widespread adoption.

Cost analyses have shown that the cost of equipment and installation of a bifacial PV plant will be around 5% higher than a comparable monofacial plant.

While double glass modules offer numerous benefits, it's essential to consider factors such as weight and installation requirements. Advancements in manufacturing have led to lighter designs, but proper handling and mounting systems are crucial to ensure longevity and performance.

While bifacial panels typically cost more upfront than monofacial modules—often by 5%–15%—their significantly enhanced energy yield and extended lifespan make them a cost-effective investment in high-irradiance or high-albedo scenarios.

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