



# Recent solar container prices at power plants





## Overview

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In early April 2025, the United States enacted sweeping “reciprocal tariffs” on imports, aiming to mirror (at a discounted rate) the trade barriers faced by U.S. goods abroad. Announced on April 2, President Trump’s so-called “Liberation Day” tariffs set a universal 10% baseline tariff on all.

The prices of solar energy storage containers vary based on factors such as capacity, battery type, and other specifications. According to data made available by Wood Mackenzie’s Q1 2025 Energy Storage Report, the following is the range of price for PV energy storage containers in the market:.

The price trend of container energy storage products has become the industry's hottest topic, with prices plummeting faster than a SpaceX rocket stage. Let's unpack what's driving these changes and why your business should care. Here's the shocker – system prices crashed through the floor: But.

The focus is on ground-mounted systems larger than 5M AC, including photovoltaic (PV) standalone and PV+battery hybrid projects (smaller projects are covered in Berkeley Lab’s separate U.S. Distributed Solar and Storage annual data update). Data sources are diverse and include data from the Energy.

But let's cut through the hype: why does a 20-foot solar container range from \$28,800 to over \$150,00 What Drives Solar Container Costs?

Solar container systems – those all-in-one power stations combining photovoltaic panels, batteries, and inverters in shipping containers – have become the Swiss.



Each year, the U.S. Department of Energy (DOE) Solar Energy Technologies Office (SETO) and its national laboratory partners analyze cost data for U.S. solar photovoltaic (PV) systems to develop cost benchmarks. These benchmarks help measure progress toward goals for reducing solar electricity costs. How much did solar panels cost in April?

Many manufacturers announced price increases effective immediately in April: SolarSpace – a Chinese-based module supplier – raised its U.S. wholesale price from roughly \$0.22 per watt to about \$0.297 per watt in April, an increase of ~35%.

How much does a solar system cost in 2023?

farm projects, KSUT Public Radio, 3/14/24. "Opposition to Renewable Energy Facilities in the United States", Columbia Law School Sabin Center for Climate Change Law, June 2024. The median system price of large-scale utility-owned PV systems in 2023 was \$1.27/Wac—relatively flat since 2018.

How many solar projects have been installed in 2024?

Data sources are diverse and include data from the Energy Information Administration (EIA), the Federal Energy Regulatory Commission (FERC), and state agencies. The latest update contains project-level data on 1,760 solar projects installed through 2024. The update includes data synthesis covering:

How much does SolarSpace cost?

SolarSpace – a Chinese-based module supplier – raised its U.S. wholesale price from roughly \$0.22 per watt to about \$0.297 per watt in April, an increase of ~35%. This jump closely matches the new 34% tariff on Chinese goods, indicating the cost is being passed through to buyers.



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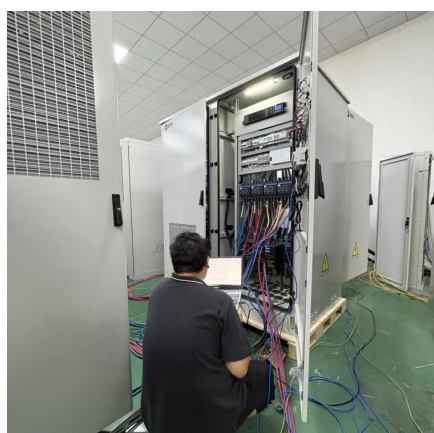
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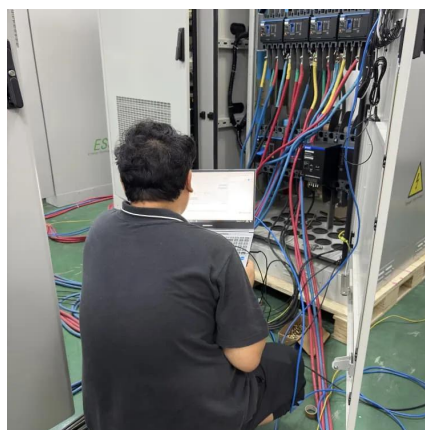
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