

## ContainerPower Energy Solutions

# Uzbekistan solar energy storage equipment for home use



## Overview

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Does Uzbekistan need energy storage?

By 2030, Uzbekistan aims to source over 40% of its electricity from renewables, demonstrating its commitment to sustainability. The plan also includes advancing energy storage, with a 300 MW lithium-ion system debuting in 2024 and a goal of 4.2 GW storage capacity by 2030. *The Role of Energy Storage in Renewable Energy.*

Why should Uzbekistan adopt advanced ESS?

By adopting advanced ESS, Uzbekistan can achieve substantial reductions in energy costs through lower LCOS, enhancing the financial viability of renewable projects. As a total solutions provider, Trina Solar offers a comprehensive portfolio, including high-efficiency solar modules, advanced solar trackers, and energy storage systems.

Does Uzbekistan need a solar energy roadmap?

The government of Uzbekistan needs to periodically monitor its progress toward a solar energy future and to review policies and actions where appropriate. This roadmap provides a timeline through 2030 with key actions.

How is Uzbekistan achieving its solar power target?

Uzbekistan has made a positive effort toward that end, including by setting clear targets and reforming the energy sector and has been progressing toward achieving the solar power capacity target of 4 GW by 2026 and 5 GW by 2030.

Why are ESS solutions important for Uzbekistan?

Internationally certified advanced ESS solutions also enhance grid reliability, making them indispensable for modernizing energy infrastructure. By integrating ESS into their energy mix, countries like Uzbekistan can secure energy independence while aligning with global sustainability goals.

What is a large-scale solar PV project in Uzbekistan?

Large-scale solar PV projects have been subject to competitive bidding processes in Uzbekistan since 2019 and an awarded project can sign a long-term contract with NEGU at a fixed tariff, as noted above. The government of Uzbekistan also aims to develop small- and medium-scale solar projects.

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