

# Megawatt solar energy storage





## Overview

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How many MW is a Tesla Megapack Solar System?

The installation, which is expected to be completed by the end of 2025, will include a 6-megawatt (MW) rooftop solar array and an 8-megawatt-hour (MWh) Tesla Megapack energy storage system.

Will Tesla install a Megapack solar array at Giga Texas?

In the United States, Tesla has already installed a similar setup at Giga Texas, where a massive rooftop solar array spells out the word 'TESLA' and is complimented by a Megapack installation with 131MW of power capacity and 262 MWh of power storage capacity.

How big is Tesla's energy storage capacity?

The factory's expected capacity of 10,000 Megapack units annually, translating to 40 gigawatt-hours of storage, positions Tesla to meet increasing global demand for energy storage solutions.

Why is Tesla planning a 40 gigawatt-hour power plant in Shanghai?

The planned annual capacity of 40 gigawatt-hours underscores Tesla's ambition to capture a significant share of the energy market while potentially creating numerous jobs in Shanghai and its vicinity. This move also intensifies competition within China's energy storage sector, potentially spurring further technological innovation.



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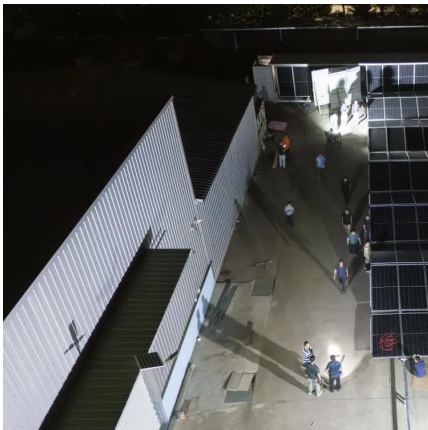
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