

# **Sri Lanka Rural Solar Power Generation System**





## Overview

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Why should Sri Lanka adopt solar energy?

Adopting solar energy brings several key advantages for the country:  
Renewable and sustainable - Solar is a renewable energy source that does not produce greenhouse gas emissions. Expanding solar contributes to Sri Lanka's goals of increasing renewable energy to 70-80% of the energy mix by 2030.

Does Sri Lanka have solar power?

Sri Lanka is an island nation blessed with abundant sunshine and solar energy potential. However, solar power currently contributes just 0.4% of the country's electricity mix. With prudent policies and investments, Sri Lanka can tap into its rich solar resources to meet a substantial share of its power needs from a clean, renewable source.

What is the installed solar capacity in Sri Lanka?

Solar power is an emerging energy source in Sri Lanka. According to the Ceylon Electricity Board (CEB), the installed solar capacity was around 164 MW as of 2018, contributing 0.4% of total electricity generation. However, solar adoption is rapidly increasing driven by favorable policies.

How many solar rooftops will Sri Lanka install in 10 years?

The Ministry of Power and Renewable Energy has launched a national program to install 100,000 solar rooftops over the next ten years to meet the country's electricity needs with green energy sources. This program aims to have at least 18% of electricity produced by domestic customers in Sri Lanka.



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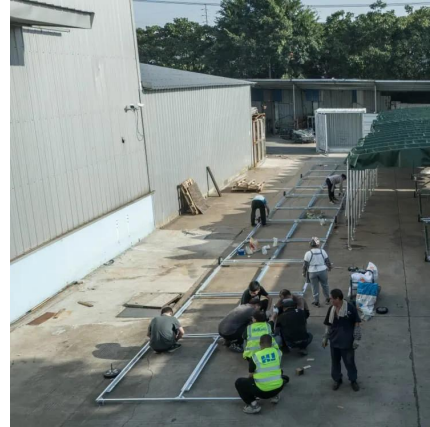
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