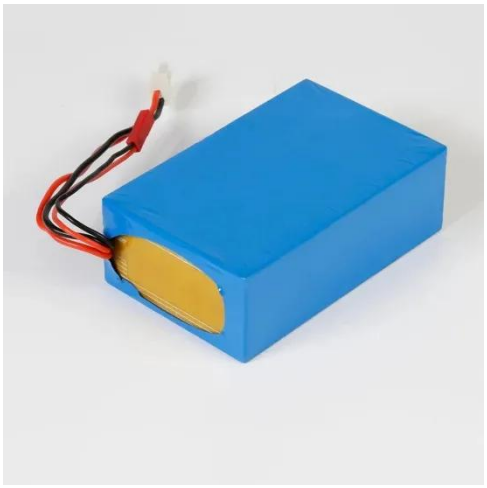
Espay Solar Energy S.L.

# Solar panel power generation project in Honduras

## Overview

The new solar plant is expected to produce around 120,000 MWh of electricity annually. The project is part of a broader effort by the Honduran government to diversify its energy sources and reduce its carbon footprint. While the potential of large generation from hydropower and geothermal energy has been studied in detail, the potential for the development of other renewable energy resources is yet to be explored in. This report presents the work conducted by the National Renewable Energy Laboratory (NREL) on the rural electrifcation of Honduras, focusing particularly on schools and clinics and extending to support broader community development through productive uses of energy. Understanding these dynamics is crucial, as they not only shape the immediate energy. Honduras has launched a new solar initiative featuring 3. The project utilizes high-efficiency 3. Honduras has connected the 50-MW Patuca solar farm, the country's first publicly owned plant, marking a milestone for a system long shaped.

# Solar panel power generation project in Honduras

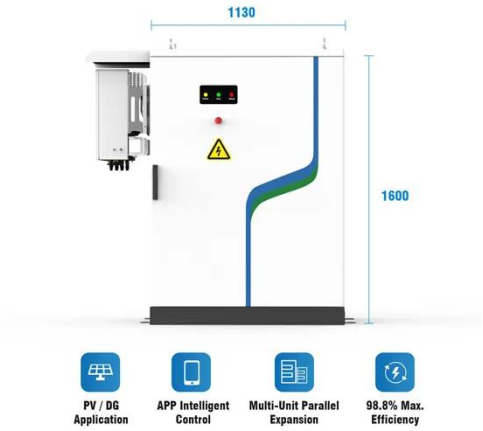


## Honduras' Renewable Energy Transition

In a bid to achieve an impressive 80% share of renewables in its power generation by 2038, the nation is taking bold steps towards reducing its reliance on fossil fuels. But how can ...

## Honduras opens 50 MW solar plant 2025

Honduras has taken a significant step towards renewable energy with the inauguration of its first state-owned solar power plant. The 50 MW project is located in the Nacaome Valley, near the ...



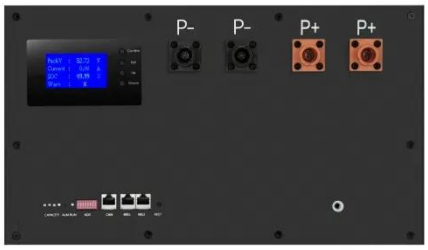

## Honduras commissions first state-owned solar farm, strengthening

Developed by state utility ENEE, the project adds a dependable block of daytime power that should reduce diesel burn, dampen price volatility, and improve service quality during hot ...

## Honduras Launches 3.5kW Rooftop

## Solar Project

Honduras has launched a new solar initiative featuring 3.5kW ...




## Honduras Launches 3.5kW Rooftop Solar Project

Honduras has launched a new solar initiative featuring 3.5kW rooftop solar panels, supported by a durable solar panel mounting system. This project is a major step toward a cleaner ...

## Solar Power in Honduras: The 2025 Energy Revolution

With over 300 days of annual sunshine, Honduras has one of Central America's highest solar irradiation levels - averaging 5.5 kWh/m²/day. Yet less than 12% of its electricity currently comes from ...

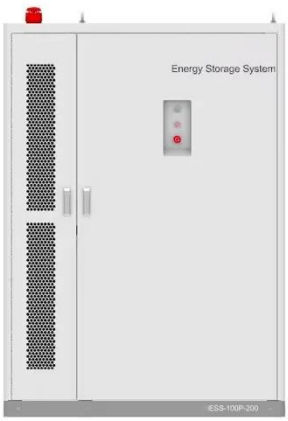
## Renewable energy in Honduras

In 2022, Honduras' energy mix was dominated by oil, constituting 54.9% of the total energy supply, followed by biofuels and waste at 32.2%. Modern

renewables like hydro, solar, and wind, excluding traditional biomass practices like burning wood or agricultural residues, accounted for 12.9%. In 2024, the country had 849 MW of installed capacity in hydro power. There has be...

## Case: Valle Solar - Clean solar energy in rural Honduras

Clean electricity for nearly half a million families - 480,000 - and the elimination of some 78,000 tonnes of carbon dioxide emissions annually: the Valle Solar project in Honduras is living up to its promise.




## Los Prados Solar Project: Driving Renewable Energy in Honduras

Discover how the 11.35 MWp Los Prados Solar Project is transforming Honduras' energy landscape, boosting the economy, and paving the way for a sustainable future.

## Renewable energy in Honduras

In 2015, Honduras ranked as the second largest producer of solar electricity in Latin America (behind Chile, but ahead of Mexico). Honduras has a large

potential for solar photovoltaic generation.


**Empowering Rural Electrification in Honduras: An Integrated ...**

This report presents the work conducted by the National Renewable Energy Laboratory (NREL) on the rural electrifcation of Honduras, focusing particularly on schools and clinics and extending to support ...

**The Future of Solar Power in Honduras**

Explore the future of solar power in Honduras, from current trends to technological innovations and growth opportunities.

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