

## SolarTech Power Solutions

# Maldives solar power home manufacturer



## Overview

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What is the Maldives solar project?

The Maldives solar project is a 36 MW solar power project and 50 MWh of battery energy storage solutions development across various islands in the Maldives. It also includes grid modernization for the integration of variable renewable energy with the grid, which will be financed under the proposed AIIB loan.

Why solar PV with storage in Maldives?

Solar PV with storage has proven suitable and competitive for Maldives' high penetration of renewable energy (POISED type B projects), with an average fuel savings of 25%. The concept design of hybrid systems (efficient diesel generators + solar PV plants + energy storage) has resulted in success for Maldives.

How do solar panels work in the Maldives?

In tropical islands like the Maldives, for example, photovoltaic panels are installed on the roofs of most resorts, delivering electricity during the presence of sunlight. However, diesel generators are still the main source of backup power.

What is rooftop solar for Islands?

Rooftop solar for islands Swimsol provides affordable and durable marine floating & rooftop solar PV systems for the tropics, where land space is limited. We make solar energy a hassle-free experience by handling all the tech & maintenance. We work with ultra-luxury resorts and small businesses alike – always aiming to provide great service.

Where are solar-diesel hybrid systems made?

System components are pre-assembled by Swimsol in Austria. To ensure system quality and a hassle-free client experience – our team delivers &

installs the systems on-site. Our solar-diesel hybrid integrates seamlessly into island grids.

What is swimsol solar powerplant at sea?

Swimsol provides a unique solution to achieve desired solar production capacity – floating solar powerplant at sea (offshore solar). SolarSea produces 5-10% more energy due to natural cooling at sea. Swimsol technology is already competitive in islands and tropical regions using diesel for power.

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### Contact Us

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