

## European Solar Energy Storage

# Kiribati supermax solar



## Overview

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Is Kiribati embracing solar energy?

Poverty-stricken and energy-poor, the remote South Pacific island nation of Kiribati is embracing solar energy. Is its experience a model or a cautionary tale?

BUARIKI, KIRIBATI — As late as 1990, nightfall in Kiribati (pronounced “Kiribass”), a patchwork of tiny islands in the middle of the Pacific Ocean, was accompanied by a peculiar odor.

Who is Kiribati green energy solution?

Kiribati Green Energy Solution, a State-Owned Enterprise was established on 14 November 1984 under the Company Ordinance Cap 10A. It is a leading Government implementing agency in the energy sector deal with any renewable energy initiatives in Kiribati.

Why was Kiribati solar energy company renamed in 2020?

In 2020, the reformation and renaming of the Company (commonly known then as Kiribati Solar Energy Company) was conducted with the core objective is to broaden its scope in providing services with renewable energy including solar energy, wave energy, wind energy and other RE technologies that is applicable in Kiribati.

What is Kiribati's energy consumption?

Primary energy demand. Kiribati’s energy consumption, which is dominated by imported fossil fuels (52%) and coconut oil (42%), has been steadily increasing over the last few years. The residential sector is the largest consumer of energy, followed by land transport.

How much power does Kiribati have?

The PUB serves more than 57,000 people in South Tarawa, which has the

highest demand at 24.7 gigawatt-hours (GWh) in 2019. Kiribati's outer islands are served largely with solar home systems, and Kiritimati island, the second largest load center (1.65 GWh in 2016), has a separate power system not managed by the PUB. 6.

Does Kiribati's 25-year solar rollout go smoothly?

But the 25-year solar rollout in Kiribati hasn't always gone smoothly, according to officials and energy consultants.

## Kiribati supermax solar



### SUN-50K-G-LV , 50KW , Three Phase

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### ABOUT US - Supermax Solar

In recent years of service, Supermax completed large projects with solar panels that are located in Taytay, Rizal., Sucat, Paranaque., several barangays in Makati, and also in Marilao, Bulacan. The solar street lights project they've done are ...



### **REC 370W Mono TP4 Black Frame Series - Supermax Solar**

Brand: REC PMAX (Wp): 370 VMPP (V): 34.7 IMPP (A): 10.68 VOC (V): 41.0 ISC (A): 11.38 Panel Efficiency (%): 20.3 Warranty: 20 yrs Product Warranty

## **Projects - Kiribati Green Energy Solution Limited**

Solar Energy for the outer island project, funded

by European Union. The project implemented by KGES having the following components. Market Survey ; User Training Programmes; Design of solar PV systems; Distribution and ...



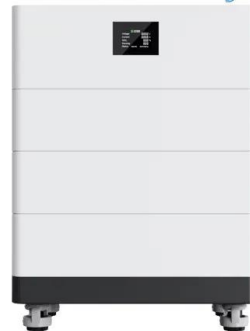
## Surge Protective Devices (SPD) - Supermax Solar

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## DC MCB - Supermax Solar

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## High Voltage Solar Battery



## Solar Power in Kiribati: A Sustainable Solution for the ...

The potential for solar power in Kiribati is immense, given the country's location near the equator and its abundant sunshine. In recent years, the government of Kiribati has recognized the need to transition to renewable ...

## AC MCB - Supermax Solar

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## **SUNPAL Solar Deep Cycle GEL Battery 12V 100AH**

Brand/Model: Sunpal 6-GFM(G)-100 Type: Gel Deep Cycle Sealed Battery Rating: 100 Ampere Hour 12volts Weight: 30.8kg Warranty: 3 yrs Warranty

## **Kiribati : South Tarawa Renewable Energy Project**

The South Tarawa Renewable Energy Project (STREP or the Project) will support upscaling of solar power generation in Kiribati. The Project will reduce dependence on fossil fuel imports by increasing the renewable energy (RE) percentage of electricity generation. STREP has three outputs: (i) solar photovoltaic and battery energy storage system installed; ...



Application scenarios of energy storage battery products

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### DC SPD - Supermax Solar

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### **JinKO 620W Tiger Neo N-Type - Supermax Solar**

Brand: JinKO PMAX (Wp): 620 VMPP (V): 45.93  
 IMPP (A): 13.50 VOC (V): 55.58 ISC (A): 14.19  
 Panel Efficiency (%): 22.18 Warranty: 12 yrs  
 Product Warranty



### **LONGI 455W Mono Series - Supermax Solar**

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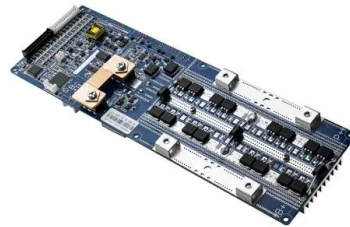


## Solax - Supermax Solar

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## Isolator - Supermax Solar

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### ENERGY STORAGE SYSTEM

**Product Model**  
HJ-ESS-215A(100KW/215KWh)  
HJ-ESS-115A(50KW 115KWh)

**Dimensions**  
1600\*1280\*2200mm  
1600\*1200\*2000mm

**Rated Battery Capacity**  
215KWH/115KWH

**Battery Cooling Method**  
Air Cooled/Liquid Cooled

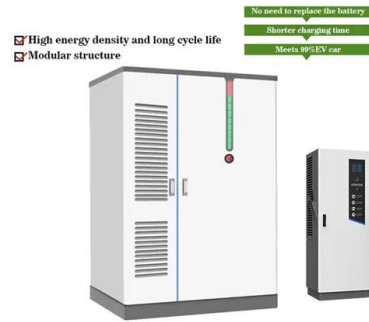


## **REC 400W Mono TP5 Black Frame Series - Supermax Solar**

Brand: REC PMAX (Wp): 400 VMPP (V): 37.6 IMPP (A): 10.64 VOC (V): 42.1 ISC (A): 9.20 Panel Efficiency (%): 20.3 Warranty: 20 yrs Product Warranty

## **Miniature Circuit Breaker (MCB) - Supermax Solar**

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## AC Isolator - Supermax Solar

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