

## European Solar and Energy Storage Solutions

# Guadeloupe solar energy factories

**Parallel** (Parallel operation up to 6 unit (only with battery connected))



**AC input wires**



**AC output wires**



## Overview

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How much does energy cost in Guadeloupe?

**Energy Snapshot Guadeloupe** This profile provides a snapshot of the energy landscape of Guadeloupe, an overseas region of France located in the eastern Caribbean Sea. Guadeloupe's utility rates are approximately \$0.18 U.S. dollars (USD) per kilowatt-hour (kWh), below the Caribbean regional average of \$0.33 USD/kWh.

Is Guadeloupe a renewable country?

Guadeloupe has a large portfolio of renewable generating capacity, with 112.8 MW installed as of 2013. It also has a diverse portfolio, both in terms of generation types and facility ownership.

How does Albioma contribute to the Energy Autonomy of Guadeloupe?

Since 1998, Albioma has contributed to the energy autonomy of Guadeloupe, a territory not connected to mainland networks, by producing electricity from local biomass and photovoltaic energy. In Guadeloupe, Albioma operates the Le Moule thermal biomass power plant, which supplies 22% of the electricity available on the grid.

Does Guadeloupe rely on imported fuels?

Nevertheless, Guadeloupe's reliance on imported fossil fuels—more than half of the island's electricity is generated from imported petroleum-based fuels—leaves it vulnerable to significant disruptions in shipping or the availability of import facilities.

## Guadeloupe solar energy factories

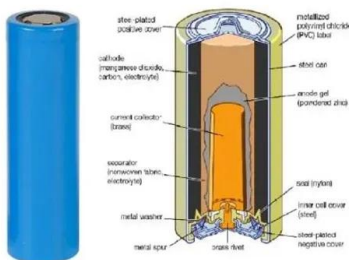
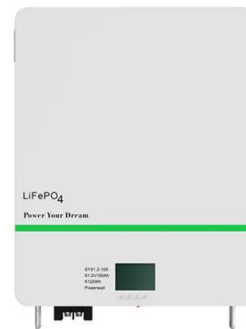
### Photovoltaïque

La situation privilégiée de la Guadeloupe, qui présente des conditions climatiques particulièrement favorables avec environ 1 400 heures d'ensoleillement annuel, constitue un atout majeur pour la production solaire photovoltaïque. L'impulsion donnée par [...]



### Regulatory Framework

Restrictions on solar photovoltaic installations, with strict prohibition on installations generating more than 1.5 MW that lack a storage system; Allocation of quotas for power not subject to grid-balancing regulations between three variable renewable energy sources: ground-mounted solar photovoltaics, rooftop solar photovoltaics, and wind



### Distributeur spécialisé dans l'énergie solaire en Guadeloupe

Depuis 2002, SOLARIS est spécialisé dans l'énergie solaire en site isolé, là où le réseau électrique n'est pas disponible. Basé en France métropolitaine (à proximité de Lyon), nous étudions régulièrement des projets d'installations solaires en Guadeloupe.

## Guadeloupe Energie

"Achieving energy independence in Guadeloupe by shifting from fossil fuels to renewable energy sources is a challenge that we must take up for the benefit of future generations. With clear objectives and applying the means for success, the Multi-Year Energy Program (PPE) exemplifies our political resolve to reach our goals."



## Modon Houses 23 Renewable Energy Factories in Saudi Arabia

Saudi Authority for Industrial Cities and Technology Zones (Modon) announced that it houses 23 factories to support renewable energy supply chains in the Kingdom, including solar energy panels and systems. Modon CEO Khalid al-Salem said the Authority supports the renewable energy sector by empowering supply chains and localizing its main components ...

## Inforegio

The project contributes to the objectives set for all of Guadeloupe, namely, to generate 20 additional megawatts of renewable energy and to generate 79 gigawatt hours of energy savings in buildings and infrastructure. It also contributed to the results observed in 2017, which was a record year for renewable energy production.



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photovoltaïque. ...



## Cedyan Energy , Baie-Mahault Guadeloupe

Cedyan Energy, Baie-Mahault. 514 likes · 1 talking about this · 16 were here. Société Cedyan Energy spécialiste en matière d'énergies renouvelables. L'énergie du futur dès



## Syrius Guadeloupe

Réalisez vos objectifs énergétiques avec Syrius Solar Guadeloupe Avec les Packs Solaires Photovoltaïques de Syrius Guadeloupe, le futur de l'énergie est entre vos mains. Que vous visiez à réduire vos factures d'électricité, à devenir plus éco-responsable ou à assurer votre sécurité énergétique, nos solutions sont conçues

## Énergie photovoltaïque , DEAL de Guadeloupe

1400 heures environ d'ensoleillement annuel en Guadeloupe constituent un atout majeur pour la production solaire. Les installations photovoltaïques connectées au réseau sont disséminées sur tout l'archipel mais de façon hétérogène. En effet, 64% de puissance installée est concentrée sur 4 communes de l'île : Baie-



Mahault, Petit



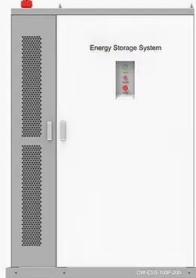
## Inforegio





En Guadeloupe, plus de 13 000 m<sup>2</sup> de panneaux solaires ont été posés sur les toits de la galerie Destreland et Carrefour Grand Camp. Une cinquième installation de près de 2 300 m<sup>2</sup> sera mise en service d'ici la fin de l'année 2019 sur les toits de Mr Bricolage Abymes.

## ENERGY PROFILE Guadeloupe

Solar PV: Solar resource potential has been divided into seven classes, each representing a range of annual PV output per unit of capacity (kWh/kWp/yr). The bar chart shows the proportion of a country's land area in each of these classes and the global distribution of land area across the classes (for comparison).

**PRODUCT INFORMATION**



-  **BATTERY CAPACITY**  
50kWh~500kWh
-  **DC VOLTAGE RANGE**  
400V~1000V
-  **DEGREE OF PROTECTION**  
IP54
-  **OPERATING TEMPERATURE RANGE**  
-10~50°C



-  **Efficient Higher Revenue**
  - Max. Efficiency 97.5%
  - Max. PV Input Voltage 1000V
  - 120% Peak Output Power
  - 2 MPV Stacks, 150% DC Input Overriding
  - Max. PV Input Current 11A, Compatible with High Power Modules
-  **Intelligent Simple O&M**
  - IP66 Protection Degree: support outdoor installation
  - Smart I-V Curve Diagnosis Function: locate PV string faults accurately and automatically detect faults
  - DC & AC Type II SPD: prevent lightning damage
  - Battery Reverse Connection Protection
-  **Flexible Abundant Configuration**
  - P1&2, P3, EPS Switching Under 10ms
  - Compatible with Lead acid and Lithium Batteries
  - Max. 6 Units Inverters Parallel
  - AFC Function (Optional): when an ac fault is detected the inverter immediately stops operation

## Egypt partners with UAE, China to launch 2GW solar energy factories

JA Solar will oversee the study phase, with investments projected at \$138 million for the

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solar cell facility and \$75 million for the solar panel factory, which will primarily serve local markets.



## **SYRIUS GUADELOUPE I JE CHAUFFE AU SOLAIRE**

SYRIUS Guadeloupe, votre partenaire d'énergie solaire. Vente, installation & maintenance - Chauffe-eau solaires & Systèmes photovoltaïques. NOTRE RÉSEAU; Accompagné par un vaste réseau de partenaires et distributeurs, la société Syrius Solar Industry a développé 7 filiales implantées en Europe, en Outre-Mer mais aussi en Océanie

## **Accueil , Tepec Solar**

Spécialiste du solaire en Guadeloupe TEPEC SOLAR est une entreprise locale à taille humaine, proche de vous, investie dans la transition énergétique grâce à l'énergie solaire. Une source disponible aux Antilles de façon inépuisable.



## **Growth Potential of Solar Photovoltaics in Guadeloupe**

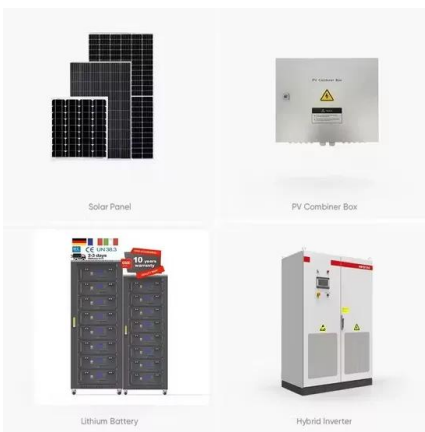
Solar photovoltaic power (with storage): an additional 52 MW by 2023. Solar photovoltaic installations with utility-scale storage (more than 100 kW p): an additional 37 MW produced mainly through RFPs put out by the Regional Energy

Commission for non-interconnected zones



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## Solar Panel Installation Companies in La Guadeloupe

Search 8 La Guadeloupe solar panel installation companies to find the best solar panel installation company for your project. See the top reviewed local solar panel installation companies in La Guadeloupe, France on Houzz.

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