

## European Solar and Energy Storage Solutions

# Solarduck b v Costa Rica

- ☑ High energy density and long cycle life
- ☑ Modular structure

No need to replace the battery

Shorter charging time

Meets 99% EV car



## Overview

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Where is solarduck based?

The updated plant was installed in June 2024. SolarDuck is targeting sun-rich regions worldwide, including the Mediterranean, Caribbean, and Southeast Asia. Japan, with its nuclear phase-out and limited land space, offers significant potential for offshore floating solar.

Does Bureau Veritas support solarduck?

Bureau Veritas (BV) has been actively supporting SolarDuck in its pioneering efforts to develop floating solar solutions. The certification of the Merganser prototype follows the approval in principle (AiP) granted for its floating structure.

Who is solarduck & how does it work?

Governments, especially in the Netherlands, boosted renewable energy ambitions and opened tenders for innovative projects. SolarDuck partnered with RWE and won the Hollandse Kust West offshore wind farm tender in November 2022. In 2022, SolarDuck opened an office in Fornebu, Oslo to coordinate global sales.

When will solarduck launch a pilot 'merganser'?

First pilot ("King Eider") launched in April 2021 and successfully connected to grid. Floating solar platform has obtained certificate of design from Bureau Veritas. Mid 2023, SolarDuck will launch the offshore pilot "Merganser", which will be located in the North Sea.

How did solarduck win a wind farm tender in 2022?

SolarDuck partnered with RWE and won the Hollandse Kust West offshore wind farm tender in November 2022. In 2022, SolarDuck opened an office in Fornebu, Oslo to coordinate global sales. Recognizing the need for offshore testing, SolarDuck chose the challenging conditions of the North Sea.

## SolarDuck b v Costa Rica

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### SolarDuck: Pioneering Offshore Floating Solar Power

Founded in 2018, SolarDuck B.V. is a pioneering offshore floating solar power company with a strong maritime heritage, spanning across the Netherlands and Norway. As a spin-off from the largest shipyard in the Netherlands, Damen Shipyards, SolarDuck has leveraged its expertise to bring its vision of "electrifying the world with offshore

### SolarDuck obtains AiP for floating solar technology

PARIS - Bureau Veritas (BV) has delivered an approval in principle (AiP) to SolarDuck for its offshore floating solar solution King Eider. This is the first time such an approval has been granted to an offshore floating solar technology, BV claimed.



### Purasol , Paneles Solares y Calentadores , Energía Solar en Costa Rica

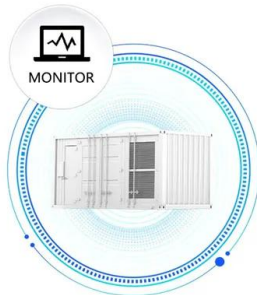
Purasol , Paneles Solares y Calentadores , Energía Solar en Costa Rica. llámenos +506 2253-5623. horario. Lunes - Viernes. 8.00 am - 5.00 pm. escribanos asistente@purasol.cr. idioma English. Redes Facebook. Whatsapp Contáctanos. le brindamos energía solar para su casa o empresa. Inicie su proyecto solar aquí!

## Quality Engineer

SolarDuck is a Dutch-Norwegian company that is pioneering the technology to bring solar PV to the seas, and we are looking for talented individuals to join our team. As a spin-off of Damen Shipyards, a leading Dutch shipbuilder, SolarDuck was founded in 2019 by a team of experienced entrepreneurs from the maritime industry. We are headquartered



SUPPORT REAL-TIME ONLINE  
MONITORING OF SYSTEM STATUS



## Bureau Veritas validates SolarDuck's floating solar unit

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Certification group Bureau Veritas has delivered the world's first Approval in Principle (AiP) for an offshore floating solar solution to Dutch company SolarDuck, marking the beginning of a new era for this form of ...

## Certification for SolarDuck's floating offshore solar ...

Bureau Veritas has awarded Dutch-Norwegian renewable energy company SolarDuck the world's first Prototype Certification for its floating offshore solar technology, as applied in SolarDuck's 0.5 MW pilot ...



## Financial Controller

Company: SolarDuck Location: Rotterdam, Netherlands. About Us: SolarDuck is a pioneering Dutch-Norwegian company revolutionizing Offshore Floating Solar Photovoltaics (OFPV). Established in 2019 by experienced maritime industry entrepreneurs, we are headquartered in Rotterdam, with growing international offices in Norway and Japan. Our vision



## SolarDuck builds Japan's first offshore floating solar PV plant

SolarDuck aims to deploy 1GW of renewable energy by 2030 with its offshore solar technology and recently formed a European consortium to facilitate the research and development of offshore solar



## Costa Rica Solar Report

The average rent for multi-owned commercial buildings in Costa Rica varies significantly based on location and property type. In major commercial hubs like San José and Heredia, rental rates can range from \$12 to \$20 per square ...

## Lead Electrical Engineer

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## SolarDuck

SolarDuck aims to capitalize on the demand for renewable energy solutions through hybrid offshore wind and solar plants, increasing the energy output for the utilised water surfaces. Governmental incentives provide strong incentives for offshore floating solar solutions within offshore wind tenders.



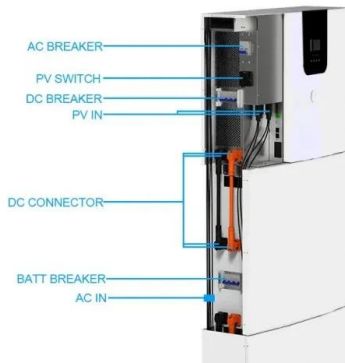
## Costa Rica

If your travel plans in Costa Rica include outdoor activities, take these steps to stay safe and healthy during your trip. Stay alert to changing weather conditions and adjust your plans if conditions become unsafe. Prepare for activities by wearing the right clothes and packing protective items, such as bug spray, sunscreen, and a basic first



## Prise de courant au Costa Rica : Quel adaptateur choisir

Avez-vous besoin d'un adaptateur pour le Costa Rica ? La réponse dépend de votre pays d'origine : Voyageurs d'Europe: Oui, vous aurez besoin d'un adaptateur. En France, Suisse et autres pays européens, les prises sont de type C ou F, avec une tension de 230 volts.



## Exploring Solar Panels in Costa Rica - A Green Energy Revolution

Costa Rica has a strong focus on renewable energy, with 99.78% of the energy output coming from renewable sources in 2020. However, solar power currently accounts for less than 1% of the country's energy production. In November 2021, Costa Rica approved a bill that allows individuals to produce their own renewable electricity and sell their surplus energy.

### Home Energy Storage (Stackable system)



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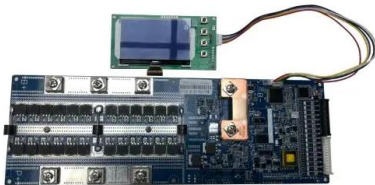
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## SolarDuck Receives World's First Prototype

Bureau Veritas (BV), a leading global testing, inspection, and certification (TIC) company, has granted Dutch-Norwegian renewable energy firm SolarDuck the world's inaugural Prototype Certification for its floating offshore solar technology, as demonstrated in the 0.5 MW pilot project named "Merganser."



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## Costa Rica Takes a Bold Step in Renewable Energy with Largest ...

Costa Rica is blessed with abundant sunshine, particularly in the Guanacaste region where the Colorado project will be located. Guanacaste is known for its arid climate, which provides ideal



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## Certification for SolarDuck's floating offshore solar system

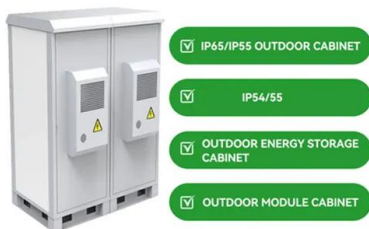
Bureau Veritas has awarded Dutch-Norwegian renewable energy company SolarDuck the world's first Prototype Certification for its floating offshore solar technology, as applied in SolarDuck's 0.5 MW pilot "Merganser". It marks a significant step forward in the development of marine renewable energy technologies for offshore applications.



## Unique Solution

Why is it important: Optimal power output of available space at sea; Connecting multiple platforms allows for scaling; Less mooring lines per plant reduce installation costs; How did we solve it: Low mooring forces due to floater design; Mooring around all edges ; Platforms

which can be coupled at sea; Based on offshore heritage from floating oil rigs up to modern floating offshore wind ...



## Costa Rica's Solar Energy Debate: The New 'Sun Tax' Explained

Costa Rica has long prided itself on being a global leader in renewable energy. The country's commitment to sustainability is evident in its goal to become carbon-neutral by 2050. However, how

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