



**DAYSTAR POWER**

ENERGY SOLUTIONS



Energy security with  
embedded hybrid  
solar solutions

# Company Overview

Daystar Power is a leading solar energy services provider in Africa.

The company designs, builds, owns and operates on-site hybrid solar power solutions for large commercial and industrial customers. These systems can range from small solar systems to megawatt size power plants.

Daystar was founded by Christian Wessels and Jasper Graf von Hardenberg in 2017 through Sunray Ventures.

Daystar was acquired by Shell in 2022, marking Shell's first power acquisition in Africa.

Following the Shell acquisition, Daystar launched in South Africa in 2023. The South African expansion is being built on the foundation and expertise of the West African business.

"At Daystar, we believe that embedded hybrid solar solutions support our customers' needs by providing energy security, clean energy (thus reduced carbon footprints) and reduced energy costs."

-- Jasper Graf von Hardenberg



# Daystar by the Numbers



COUNTRIES

**7**

PORTFOLIO

**50.4MWdc/  
43.7MWac**

PROJECTS

**400**

# Our Value Proposition

Daystar finances all projects and provides clients with power through long-term contracts or Power Purchase Agreements (PPAs), leading to zero upfront capital costs and minimizing time from project conceptualization to delivery.

Daystar's team designs, installs, operates and maintains embedded generation projects, providing energy security to ensure continuity of supply for operations.

Daystar uses a combination of technologies, including solar power and battery storage, which can be integrated into a client's existing power setup, including diesel generators, gas generators and grid supply.

## Daystar energy systems:

- Operate with a guaranteed 99% uptime
- Lead to 10–20% cost savings
- Drive reduction in carbon emissions
- Run with fully automated control systems and real time remote monitoring



# Our Offering

Daystar can either offer pure solar systems or hybrid systems, depending on the clients needs:



## **PaaS (Power as a Service)**

Design and installation of hybrid energy systems where clients receive continuous power and can either pay a monthly fee for they system or a per kilowatt/hour tariff consumed.

All of Daystar's systems are designed according to the client's needs.



## **SaaS (Solar as a Service)**

Design and installation of pure solar PV systems where clients receive intermittent solar power based on time of day and weather conditions. Pure solar systems are significantly cheaper, however don't provide continuous power. SaaS is usually based on a per kilowatt/hour tariff based on solar generation.



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