



SUSTAINSOLAR

Accelerating Africa's Clean Energy Transition with Turn Key Systems



MADE IN AFRICA FOR AFRICA



www.sustainsolar.africa

INTRODUCTION

We recognize the hurdles communities and businesses encounter in securing dependable energy access. Leveraging over 13 years of industry experience, we've refined our skills to stand as your reliable ally in providing top-tier, containerized solar and battery storage solutions.

SustainSolar offers customizable, hassle-free solutions tailored to your specific needs. Our systems are proudly made in Africa using premium components, guaranteeing resilience in any environment.



HOW CAN WE HELP YOU?

Energy Access

Are you providing energy for first-time users? Partner with us for reliable, sustainable power in the most remote locations. Experience fully integrated systems that bring consistent electricity to remote and off-grid communities, health centers and productive use equipment.

With our high-quality design, engineering, and logistics services, you can confidently focus on serving your end customers, knowing we support you every step of the way.

Energy Security

Achieve unmatched stability with our Energy Security solutions. Boost efficiency with our robust systems and cut diesel costs using our hybrid solar solutions. Ensure uninterrupted power with reliable backup batteries, even during outages.

Combine grid reliability with renewable energy sustainability using our on-grid island mini-grids. Secure your energy future with us.



SUSTAIN SOLAR'S PRODUCTS

Four product lines, configurable to suit your clean energy needs.



SUSTAIN COMPACT™

Clean, Independent, Silent

- 20 ft container
- Solution for mini-grids, lodges, farms and remote locations

Low Voltage: 12-72 kW | 43-450 kWh

High Voltage: 30-250kW | 228-940 kWh



SUSTAIN EXTENDED™

Big, Powerful, Reliable

- 40 ft container (or 2 x 20ft)
- Ideal for larger mini-grids, metro-grids, farms and remote locations with no grid access

Low Voltage: 12-72 kW | 43-450kWh

High Voltage: 250-1300 kW | 250-1300 kWh



SUSTAIN BOX™

Compact, Reliable, Portable

- Ideal for off-grid rural health clinics and power hubs for PUE.
- Fully integrated PV-ready inverter and battery cabinet

Low Voltage: 7.6-16 kW | 5.3 - 48 kWh



SUSTAIN STORAGE™

Sustainable, Efficient, Eco-friendly

- Specialized solutions that optimize energy consumption, provide backup power, and enable peak shaving and load shifting.

High Voltage: 250-1300 kW | 1.14-2.85MWh

PROJECT IMPLEMENTATION MAP



Country	Installed Storage (kWh)	Country	Installed Storage (kWh)
Angola	372	Niger	286
Benin	195	Senegal	320
DR Congo	778	Sierra Leone	65
Lesotho	363	South Africa	3835
Madagascar	351	South Sudan	125
Malawi	122	Sudan	52
Mozambique	858	Uganda	407
Namibia	1000	Zambia	768

Grand Total : 9,897 kWh

OUR CLIENTS



SOLAR APPLICATIONS

The flexible design and modular configuration make SustainSolar solutions suitable for many applications that require decentralised, clean and dependable power supply. If you don't find your application below contact us and we will design a tailor-made solution with you.



7 AFFORDABLE AND CLEAN ENERGY



01

MINI GRIDS

Reduce your LCOE for rural mini-grids and deliver quality assured portfolio roll-outs on tight timelines with our customized, turnkey solutions.



3 GOOD HEALTH AND WELL-BEING



02

HEALTHCARE

Ensure improved health outcomes for patients with our range of products tailored to meet the unique demands of rural healthcare facilities in sub-Saharan Africa.



9 INDUSTRY, INNOVATION AND INFRASTRUCTURE



03

COMMERCIAL AND INDUSTRIAL

Cut operating costs, ensure uninterrupted power, reduce diesel dependency and achieve both stability and sustainability with our solar power, battery storage, and power stabilization solutions.



SUSTAINSOLAR
East Africa

PART OF



Manufacturing Hubs



 Cape Town, SA











 Nairobi, Kenya

- Carefully vetted leading equipment brands
- Optimized customer's value through leveraging existing relationships with key distributors and OEMs
- Full Design to Deliver services, specializing in Sub-Saharan Logistics Services
- All Factory Acceptance Testing done prior to shipping

CONTACT US



 32 Viben Avenue, Brackenfell Industrial, Brackenfell, 7560, SA
 +27 21 204 1881
 info@sustainsolar.africa
 www.sustainsolar.africa

 Ananas Center, Lower kabete Road, Westlands, Nairobi, Kenya
 +254 797 968817
 kenya@sustainsolar.africa
 www.sustainsolar.africa