

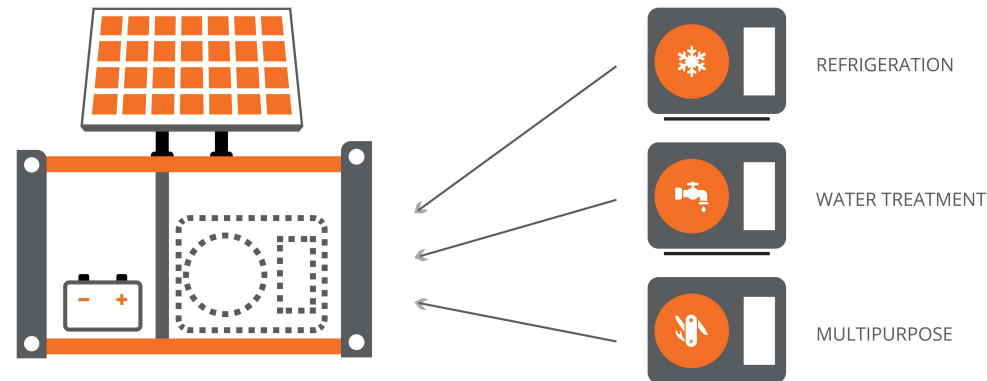


RENEWABLE FUTURETM

A RED ENGINEERING BRAND

WE SPECIALISE IN THE DESIGN, MANUFACTURE, SUPPLY,
INSTALLATION OF CONTAINERISED SOLUTIONS
THROUGHOUT SUB-SAHARAN AFRICA.

We offer multiple containerised solutions using solar power with or without battery storage. We also incorporate other technologies including water pumps, water treatment and refrigeration.



TECHNICAL SPECIFICATION

- Solar panel array with high quality modules producing from 5 to 80 kWp.
- Leading high performance solar modules using latest PERC cell technology, offering 10-year product and 20-year performance warranties.
- Light-weight, quick and easy mounting structure utilising mounting points on top of the container, and optimised ground ballasting.
- High-efficiency lithium-ion battery systems ideally suited for off-grid applications ranging from 10 to 200 kWh.
- All equipment is safely packaged in rugged and insulated ISO containers for maximised mobility, protection and durability.

QUICK TO SET-UP AND EASY TO TRANSPORT

SustainSolar's rapid deployment container solutions offer the quick installation of a modular, off-grid solar power system. These mobile systems are ideally suited for remote locations, rural electrification, and temporary installations.

APPLICATIONS

Containerised, modular, pre-installed solar systems equipped with top-quality solar PV modules and electronics including lithium-ion batteries offer a number of applications for mini-grids, mobile, and multipurpose installations:

- **Mini-Grids:** Efficient transportation, rapid installation, and easy commissioning offer shorter time lines and lower implementation risk for mini-grid developers of hybrid or stand-alone systems for rural electrification, agricultural and commercial use, and mini utilities.
- **Mobile and modular installations:** Containerised packages easily move from site to site and are therefore well suited for temporary off-grid power supply at remote construction sites, mining operations, defence and disaster management tasks and humanitarian applications.
- **Added essential services:** Custom built solar container solutions can house off-grid water treatment and reverse osmosis plants, milk chillers, cold storage, clinics, offices, kiosks, and many more.



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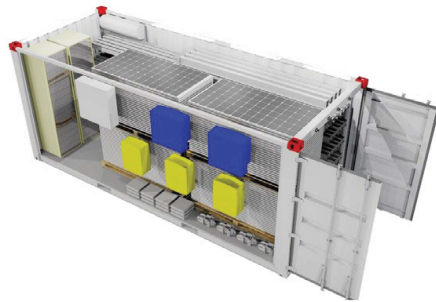
RENEWABLE FUTURE specialises in the design, manufacture, supply, installation of containerised solutions throughout Sub-Saharan Africa.
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SUSTAIN FLEX™

- Retractable accordion-style EXOrac engineered by Swiss PWRstation is an industrial-class racking system that offers a transportable, flexible solution for ultra-rapid activation - within minutes.
- Sustain Flex produces 5kWp using four individual EXOracs and houses inverters, and 10kWh of Lithium-ion batteries in a rugged 10ft container.
- Sustain Flex can be closed and locked in case of security concerns, extreme weather, or fire, and is therefore ideal for remote and rural off-grid applications, whether permanent or temporary.



SUSTAIN COMPACT™



- All solar modules, structures, batteries, and electronics are pre-installed and packed inside a 20 ft ISO shipping container for safe and easy transport
- Installation manual, ladder, and tools for onsite installation included
- PV size option: 17kWp, 24kWp and 36kWp
- Up to 100kWh battery storage can be included



SUSTAIN EXTENDED™

- All equipment ships in one or more 20 or 40 ft shipping containers
- Ideal for larger mini-grids or hybrid systems
- PV size can vary between 30kWp and 80kWp
- Up to 200kWh battery storage can be included



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MULTIPURPOSE SOLAR SYSTEMS

Off-grid and hybrid solar power system for multipurpose applications.



MULTIPURPOSE APPLICATIONS

The multipurpose containers are built with a large compartment to house applications that supply essential services. These containerised, rugged, easy-to-ship units are ideally suited for remote locations, rural clinics, temporary workshops, and disaster relief activities.

Multipurpose solutions are custom designed and built to purpose include:

- Drinking Water Purification / Desalination
- Water Pumping / Irrigation
- Refrigeration / Freezer
- Office / Workshop / Clinic



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