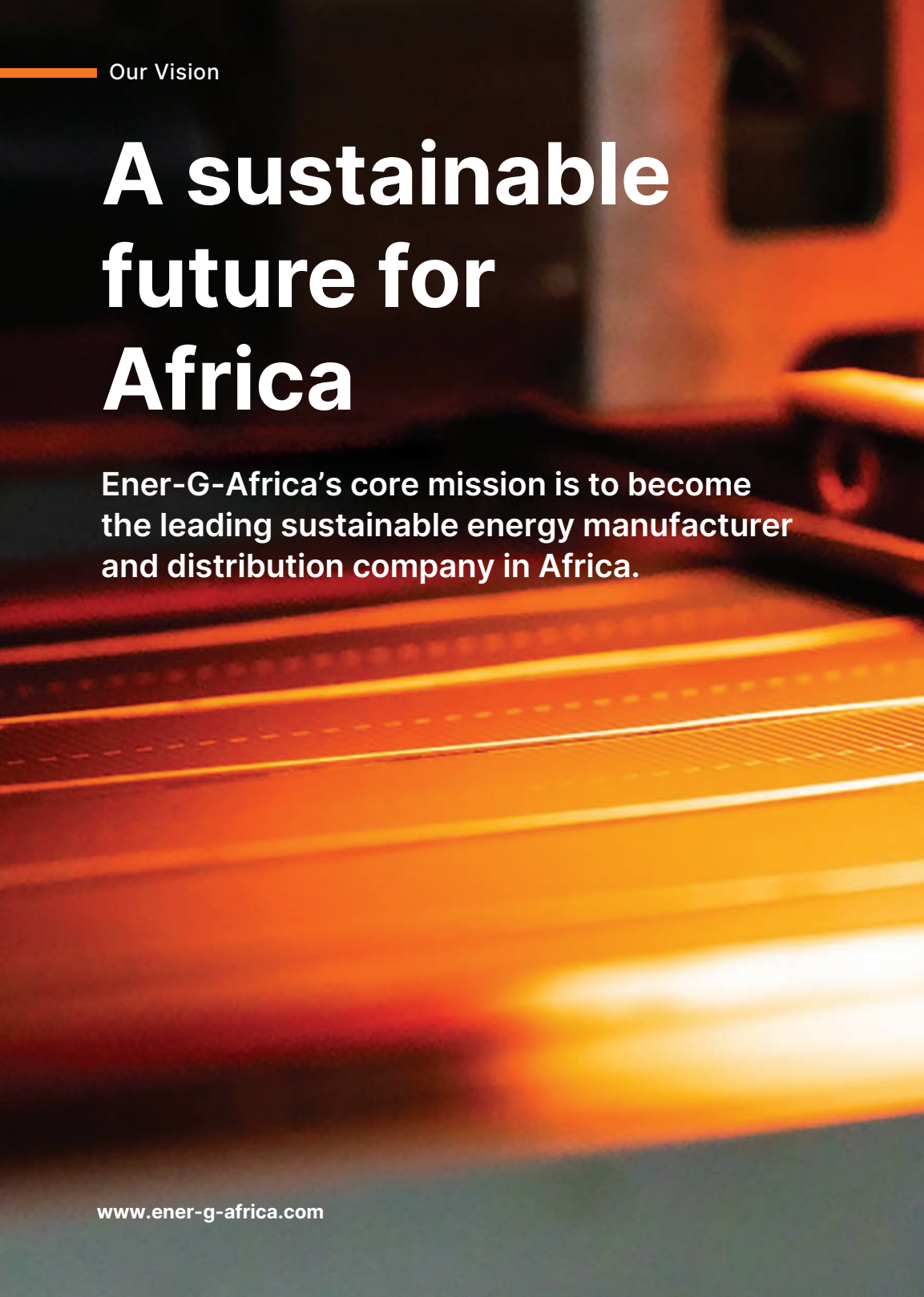




Sustainability through Innovation

ENER  AFRICA



Our Vision

A sustainable future for Africa

Ener-G-Africa's core mission is to become the leading sustainable energy manufacturer and distribution company in Africa.

At Ener-G-Africa, we are committed to developing and delivering sustainable energy products including solar photovoltaic products, battery storage solutions, cookstoves and biomass fuel solutions to rural, per-urban and urban markets across Sub-Saharan Africa. We are currently distributing products to twelve countries across the continent, with manufacturing and distribution capabilities in the following five countries.



Cape Town:

Electric and electronic engineering Research and Development Centre, solar panel and stove manufacturing and cookstove design lab.

Malawi:

Stove manufacturing and distribution hub with retail centres.

Mozambique:

Distribution hub with retail facilities and biomass fuel facility.

Zimbabwe:

Distribution hub with retail facilities.

Angola:

Distribution hub with retail facilities.

Board of Directors



Andre Moolman
Co-founder and CEO



Richard Bunderson
Co-founder and Africa CEO



Ken Newcombe
Co-founder and Chairman



Mark Woodall
Board Member and Director

Visit our website www.ener-g-africa.com for full bios

Our Impact

CQuestCapital

Working in partnership with C-Quest Capital to enter previously underserved markets by leveraging carbon-based financing, the Ener-G-Africa team has:



Reduced CO² emissions.



Diminished land degradation and deforestation.



Decreased household expenditure on firewood.



Improved health and well-being. Especially of women and children.

60-80%

Reduction in firewood required

50-80%

Reduction in household expenditure on firewood

65%

Reduction in overall greenhouse gas emissions



We have 250 field co-ordinators that distribute and install our TLC-CQC Rocket Stove in our countries.

Improving livelihoods

We believe we can transform communities through skills and knowledge transfer, empowering the individuals that work both with us and for us.

From our people in the manufacturing plants, those in managerial positions, field distribution co-ordinators, franchisees, right through to the women using our products, we take notice of every one of them. Improving lives through inclusion.



We have partnered with Power Africa to champion women's roles in the renewable energy value chain, boost South Africa's green job sector (a key focus in South Africa's Just Energy Transition Partnership), and improve the lives and health of women in Africa with cleaner ways of cooking.

www.ener-g-africa.com



Bespoke Design

Ener-G-Africa designs and manufactures premium solar panels, battery storage solutions, stoves, components and biomass fuels at our facilities in Cape Town and Malawi.

Our team of qualified engineers have in-depth knowledge, ensuring high quality production, continuous development and improvement of sustainable energy solutions.



Made in Africa for Africa



World-Class
Design



Precision
Engineering



Efficient Planning
and Implementation



High-Volume
Production



6 million fuel efficient **cookstoves**
manufactured **in the last three years.**
Currently the largest manufacturer
and distributor of components for
rural cookstove programmes in Africa.



For locally-produced, best-in-class clean cooking and renewable energy products, Ener-G-Africa is the definitive choice.

For full product data sheets and prices visit www.ener-g-africa.com



Baldwin Stove

Designed for use with the 6-litre Eco Pot, this extremely efficient stove uses 65% less wood and produces less smoke than an open fire.

- Outer Mantle increases heat insulation
- Ash Tray for easy disposal
- Stick Shelf for fuel placement
- Heat-resistant rubber Handles
- Built-in steam vent
- Machine-polished finish



MAFECS Stove

Our Multi-Application Fuel Efficient Cooking System (MAFECS) Stove is designed to work together with the Eco Pot Series. Extremely efficient, you will cook your meals twice as fast with half the fuel!

- Easy to clean
- Even heat distribution
- Easy grip heat-resistant handles
- High-quality stainless steel
- Concentrated fire

Arc Natural Draft Stove



The Arc Natural Draft stove combines a high-quality stainless-steel body with a vermiculite insert to guarantee fast cooking, optimise heat distribution, and is easily movable and compact.

- Vermiculite insert
- High efficiency
- Easily movable and compact
- Stainless steel body
- Heat-resistant handles
- Easy to clean



Single and Double Fab Stove

The Fab Stove provides high-efficiency combustion cooking by burning eco-friendly biomass pellets cleanly and efficiently at a fraction of the cost of LPG Gas. The stove comes with a 20-watt solar panel and a power bank with cable.

- Made from high-quality stainless steel
- Includes an electric air regulator
- Easy to clean
- Focused heat distribution
- Removable combustion chamber with wooden handles





Eco Pots

Designed to work with the MAFECS stoves, FAB stoves, gas stoves and traditional fire, the range of Eco Pots feature a double wall that encloses the inner pot, which concentrates the heat and makes the pots highly effective.

- Easy-to-grip handles
- High-quality stainless steel
- A 3-layer encapsulated base
- Available in 5 different sizes



8 Litre



6 Litre



4 Litre



2 Litre Pan



2 Litre Wok



MULTI-STOVE / COOKING COMPATIBLE



Pots and Pan Set

Our exceptional stainless steel Pots and Pan Set is expertly crafted to give you an affordable, high-quality cooking experience. This 8-piece set provides an excellent range of sizes for all your cooking needs.

- The 3.5mm sandwich base with an aluminium plate ensures even cooking
- Machine-polished finish
- Available individually or as a set comprising 9-litre, 2-litre, and 1.5 litre pots, a 3.5 litre pan and matching lids

Biomass Pellets



Made from compressed organic matter, biomass pellets provide a more affordable, environmentally friendly and cleaner fuel for cooking. Advantages of using biomass pellets:

- Carbon neutral energy source
- Reduces waste
- Cheaper than traditional fuels
- Renewable resource

Lead Acid Solar Battery

Our 12v 200Ah Lead Acid Solar Battery is engineered using Absorbent Glass Mat (AGM) technology in conjunction with high-performance plates and a specially formulated electrolyte. This design enhances the power output capacity, making these batteries ideal for various backup power system applications, especially for extensive use in situations that require an Uninterruptible Power Supply (UPS) and Emergency Lighting Systems.



12v 200Ah

Lithium Batteries

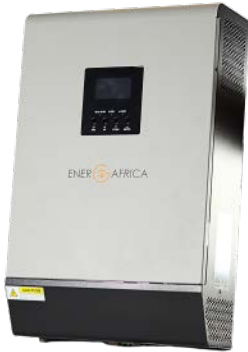
Our high-performance Lithium Batteries are designed to provide reliable and efficient power for various applications. They are engineered to deliver exceptional performance and longevity.



48v 100Ah



48v 50Ah



5kVA Solar Off-grid Inverter

- Pure sine wave inverter
- Built-in MPPT solar charge controller
- Selectable input voltage range for home appliances and personal computers
- Selectable charging current, based on applications
- Configurable AC/Solar input priority via LCD setting
- Compatible to AC mains or generator power
- Battery equalization for optimized battery performance and lifecycle
- Parallel operation with up to 9 units



1.2kVA Inverter

- Protection: Overload, short circuit, and polarity reverse protection
- Display: LCD display for comprehensive information
- Mounting: Desktop and wall-mounting for flexible display
- Charging: 10A or 20A standard AC charging current
- Voltage Range: Wide input voltage range
- Output: Simulated sine wave inverter



Plug & Play Inverter System

- EGA 1200VA Inverter: PWM Inverter
- EGA 12V 200Ah Battery: Rechargeable Lead Acid Solar Battery
- Swivel Wheels: The system includes a set of swivel castor wheels for easy transportation
- Type M Plug: The inverter output is transmitted through a 3-prong type M plug.
- Sleek and Modular Design: The system is elegantly designed with a glossy black finish



460-Watt Solar Panel

- Higher output power
- Less shading and lower resistive loss
- Lower LCOE
- Better mechanical loading tolerance
- Monocrystalline silicon



150-Watt Solar Panel

- Anodized aluminium frame
- Tempered glass for weather condition protection
- Bypass diodes to minimise the negative effects of shading
- Monocrystalline silicon



45-Watt Solar Panel

Ener-G-Africa's 45-Watt Solar Panel is compact yet powerful. It is especially suitable for charging batteries and running smaller USB devices such as fans, making it ideal for use at home or on the move.



20-Watt Solar Panel

Our 20-Watt Solar Panel is manufactured at our TÜV Rheinland certified plant in Cape Town. It is a high-quality affordable product, with dual USB ports enabling simultaneous charging and power output for USB devices.



LED Light

- Input Voltage: 5.2V
- Input Current: 34mA
- Nominal Power: 1.8W
- Colour Temperature: 6500K
- Material: ABS Plastic



Power Bank

- A portable charger
- Designed to recharge your electronic devices when you are on the move
- Can be used to charge smartphones, tablets, earphones, smartwatches and other mobile devices

For full product data sheets and prices visit
www.ener-g-africa.com

ENERG AFRICA

Sustainability through Innovation

Ener-G-Africa (EGA) helps to tackle the challenges of climate change and improve the lives of people in Africa through its research and development of quality sustainable energy products. EGA manufactures and distributes locally-made solar panels, biomass fuels and a range of biomass cooking stoves, including the TLC-CQC Rocket Stove – an easy-to-assemble, energy-efficient rural cookstove.

Having distributed six million Rocket Stoves across the continent and established the first women-led solar panel plant in Cape Town, EGA plans to set up an additional advanced biomass stove manufacturing facility, as well as expanding its solar plant.

EGA promotes access to clean and renewable energy for all, while protecting Africa's natural resources for future generations.

www.ener-g-africa.com

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