



EAST AND SOUTHERN AFRICA

ENERSOL - YOUR EPC FOR SOLAR AND WIND ENERGY SOLUTIONS IN AFRICA



ABOUT US

We are a group of technicians and engineers highly interested in clean and renewable energy sources of Power Generation. In Africa we focus on off-grid systems as well as grid-connected photovoltaic and wind turbines plants.

ENERSOL uses its own team of engineers and technicians to offer you the most appropriate solution according to your project and energy demand. We design systems to produce electricity for water heating, cooling and solutions for reducing energy consumption.

Currently we have successfully implemented various solutions, including off-grid stand-alone systems for health centres and solar-based mini-grid including solar PV modules and storage battery.

COMPANY PROFILE

Enersol was founded in 2005. We are a leading professional solar services company based in Belgium where the company has a bonded warehouse, a workshop and offices where the design and the planning of projects happens. Our company employs about 70 people which include: engineers, technicians, electricians, heating specialists, roofers and administrative staff.

In Africa we focus on off-grid systems mainly in rural areas but also photovoltaic and wind systems for small and medium industries and social institutions.

For larger installations, ENERSOL engineering consultants have necessary skills to take care of each project from A to Z.

VISION, MISSION & STRATEGY

Throughout its evolution, ENERSOL has integrated the values of sustainable development. Our company wants to improve access to energy for countries in the Southern Hemisphere. Based on a very good experience of working in these countries, ENERSOL's goal is to be able to provide appropriate solutions according to our customer's needs and for fair prices.

ENERSOL is focusing on solar energy which we believe offers in most rural areas in Africa the best solutions as renewable energy, to provide clean and affordable energy.



For a sustainable implementation of our solutions, ENERSOL sets up partnerships with local qualified partners. This enhance the interaction with our customers for a better understanding the challenges they face. Thus, we guarantee a technical follow-up of our installations and have created a department devoted to off-grid areas in Africa.

Our focus is to continuously provide world class renewable energy solutions and services using cutting edge technology. To fulfil this goal and make a bridge between us we are collaborating with local private companies or local qualified technicians in the field of renewable energies.

Technical trainings for our customers and technicians ensure proper utilization, maintenance and follow-up of our installations.

EXPERTISE

We provide technical expertise and logistics. As an EPC (Engineering, Procurement and Construction) ENERSOL offers turnkey solar energy solutions for various clients. We are a leading professional services company in Belgium. Our team works closely with our clients to choose the best suitable location and to design the system according to the energy needs. We deliver the material and carry out installation and commissioning. Operations & maintenance are ensured in cooperation with the clients and local partners.



We build rooftop or ground-mounted photovoltaic systems for solutions that require more space. Our team works closely with our clients to choose the best location and size for the solar system according to the energy needs.

SOLUTIONS

ENERSOL offers various tailor-made solar solutions (according to client's needs) mainly: off-grid electrification; solar pumping; solar heating (for domestic hot water or for some industrial applications); streets LED lighting; full solutions & solar generators containers and feasibility studies of specific solutions.

We also offer training for installers, technicians and engineers interested in thermal and/or photovoltaic installation.



Our mini-grid solution, which consists of solar power distribution from concept to completion, addresses productive use of energy and includes cutting-edge technology enabling a remote management and control of the systems.

Our clients are households in rural areas, social institutions (health centres and schools), off-grid utilities but also small and medium businesses off-grid. We also connect grid-connected customers who wish to consume clean renewable energy.

PARTNERS

We offer technical advices and products from the following inverters (-charger) manufacturers: SMA, VICTRON, FRONIUS, STUDER, OUTBACK and STECA. For PV modules, we mainly use European brands such as SOLUXTEC and BISOL. For wind turbines, we work with XANT.

TYPICAL CUSTOMERS

• OFFGRID HYBRID PV + GENSET/GRID – UNIVERSITÉ CATHOLIQUE DE KINSHASA - RDC

PV 18 kWp PV modules BOSCH (DE) Inverter SMA (DE)

Genset 50 kVA existing

Batteries 190 kWh Sonnenshein (DE)

Wiring and LED lighting



• OFFGRID MINIGRID HYBRID PV + GENSET - WATER TREATMENT PLANT - KENYA

PV 41 kWp PV modules S-Energy (KO) - Inverters SMA (DE)

Genset 66 kVA SDMO (FR)

Batteries 260 kWh Sunlights (GR)

6 Solar water heaters 3 m² / 200L

Helioakmi (GR)



• OFFGRID HYBRID PV + ELECTRIFICATION - 40 HEALTH CENTERS - BURUNDI

PV 2 kWp PV modules ISTAR (IT)

Solar charge controller Steca (DE) and Western & Co (IT) - Inverter Studer (CH)

Batteries 33 kWh Sonnenshein (DE)

Wiring and LED lighting



CONTACT

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