A COMPLETE RANGE
OF ENERGY AND WATER SOLUTIONS

FREE HOT WATER

Evacuated tube geysers are well suited to areas with no electricity. The pressurized tank design means they can be mounted on the ground and still provide pressurized water to showers.

Available in 150L and 200L options with an aluminium stand. Electrical backup elements available on request.

MAKE YOUR OWN GAS!

Using kitchen scraps, grass cuttings and even animal manure, you can generate your own cooking and heating gas.

The natural anaerobic breakdown of these materials inside the BiogasPro tank produces flammable biogas and the liquid produced in the tank can be used as a rich organic fertilizer.

By utilizing your waste (rather than burning, burying or otherwise disposing of it) the BiogasPro is an effective waste management system for households, rural settlements and farms.

EXPERTS IN WATER

80 years of innovative water solutions

- Submersible sump pumps (vortex, cutting and grinding pumps)
- Pressure pumps with integrated pressure control systems
- Firefighting pumps with high-performance petrol or diesel engines
- Firefighting equipment including nozzles, hoses and fittings

SOLAR REFRIGERATION

Minus40 offers the best energy efficient refrigeration solutions with their large 230L chest freezers or smaller robust 115L and 150L camping freezers.

CONTACT DETAILS

Email: enquiries@the-solar-zone.co.bw
Tel: (+267) 686 4450 | Cell: (+267) 72333434

SOLAR AND BACKUP POWER

We design, supply and install solar and backup power systems for homes, offices and entire safari camps using the latest inverter, solar panel and battery technology.

Most of these components are immediately available from our shop in Maun.

FRONIUS grid-tied inverters | VICTRON off-grid and backup systems
Lithium ion battery storage
Solar evacuated tube geysers | ENERGIE thermodynamic geysers
BIOROCK sewage treatment plants | DAVEY water products
GRUNDFOS solar borehole and surface pumps
AGAMA biogas for cooking and heating
SEWAGE TREATMENT
WITHOUT ELECTRICITY!

The ECOROCK® is a compact biological sewage treatment plant designed for domestic-type sewage and provides complete sewage treatment and water recycling for up to 100 people - without electricity!

The system relies on gravity to trickle the untreated wastewater through the unit while the innovative chimney system passively draws air through the process to provide aeration. Since the process is aerobic, there are no odours. As there are no motors or moving parts, it operates completely silently and keeps maintenance and operational costs low and reliability maximized.

WATER HEATING SOLUTIONS

With its solar thermal collector, the Energie Solar Box is unrivalled in energy efficiency. The retrofit design means you can install it onto your existing geyser tank and take it with you if you move house!

Integrated heat pumps (with their own storage tank) are also available to replace your geyser with a more efficient water heating solution.

SOLAR PUMP SOLUTIONS

The Grundfos borehole (SQFlex) and surface (CRFlex) pumps are the most reliable renewable energy solution for areas without electricity.

These solar pumps can be sized and installed by our team - all we need to know is the depth of your borehole and how much water you require a day. The installation is simple – you just need panels and the pump! With its built-in features, such as dry-running protection, this makes it the perfect solution for remote areas.

Call us on 686 4450 to get your pump sized.

PANELS
From 10W to 330W
High voltage options for solar pumps are also available.

INVERTERS
Pure sine wave inverters offer efficient and robust power management from 250W to 15kW. Single- & three-phase systems are available.

BATTERIES
A range of lithium ion batteries from 4kWh upwards. Smaller 12V lithium ion from 7.5Ah to 200Ah. A variety 12V lead acid batteries are also available.

REGULATORS
From simple, affordable 10A PWM controllers to powerful 100A MPPT models.

GRID TIED
Single- and three-phase grid tied inverters can provide a cost-effective solar solution without the need for storage.

ACCESSORIES
We carry a selection of panel mounting systems, DC cables, lugs, MC4 clips, battery switches, fuses and other items for installations.