



Fresh Water & Solar COMBO BOX



advancing global goals through renewable energy



Why the COMBO BOX?

Limited Access to Power

© 60% of Sub-Saharan Africans have no Access to Electricity. It gives a huge scope for energy projects development especially in Zimbabwe and Malawi where over 60% and 80% respectively have zero access to electricity.

Inequitable Access to Drinking Water

© “In Sub-Saharan Africa, only **24%** of the population have access to safe drinking water, and 28% have basic sanitation facilities that are not shared with other households.” UN WATER





About - COMBO BOX

The Energyneering Fresh Water & Solar COMBO BOX otherwise known as the Energyneering COMBO BOX is designed to help marginalized communities in rural areas and densely populated urban communities by providing them affordable access to safe to drink water, renewable energy, and internet services.

The COMBO BOX is designed for ease of deployment in urban, rural, healthcare facilities, schools, and even commercial settings. The COMBO BOX capable of purifying water from any source be it council water, dam water or borehole water, making it safe for human consumption.

The COMBO BOX is customizable to include space for women, youth and community empowerment initiatives in general. It comes with wifi capabilities, storage space and can be custom fitted with cold chain capabilities for rural agriculture.

BONUS FEATURES

Security – Highly secure with enhance physical barriers and security for both the container as well as the solar panels on the roof.

Lighting – indoor & outdoor lights. External lights controlled by automatic daylight switch.

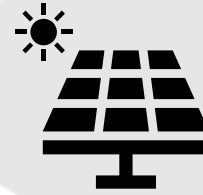
Storage & Office Space – generous office space with 5 mini desks,

Interior work finishings + floor tiles

Features

Solar PV

5.53kWp PV Array with 22.12kWh/daily energy supply capacity.



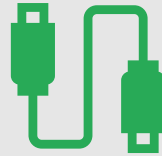
Battery Storage

48V 9.9kWh Li Ion Battery Bank with 7.13kWh/daily energy supply capacity.



Charging Centre

Phone Charging Capacity up to 125 phones/Hour



COMBO BOX



Remote Monitoring

Remote monitoring capable.

Water Purification Unit

Water Purification Rate **1.5m³/hour** (**1500 liters per hour**)

Provides daily fresh drinking water needs at a rate of 750 people per hour. (At 2 liters per person) per hour/

For bottled water the plant has the capacity to purify the equivalence of 3000 bottles per hour.

1000L inner storage tank + Water Purification Unit.



Wi-Fi Centre

Wi-Fi (depends on network infrastructure provided by client)

OPTIONS

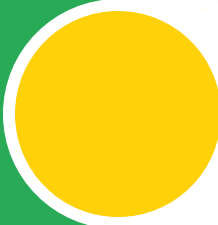
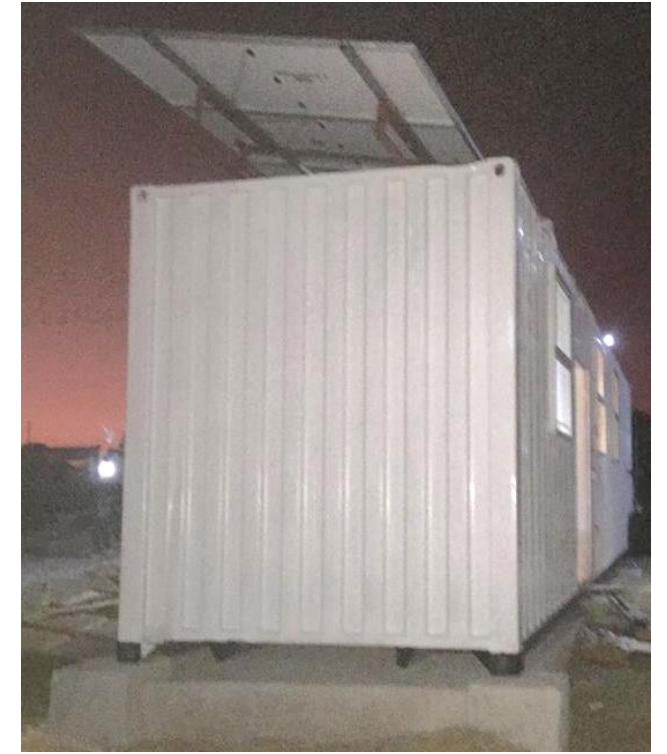
All features are customizable to suit client's needs.

COMBO BOX in pictures



Installations to date

Mutare, Zimbabwe
Bulawayo, Zimbabwe
Gwanda, Zimbabwe
Chipinge, Zimbabwe



Combo Box Key Clients



Our Business Model



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