

A project brought to you by Eco Seido



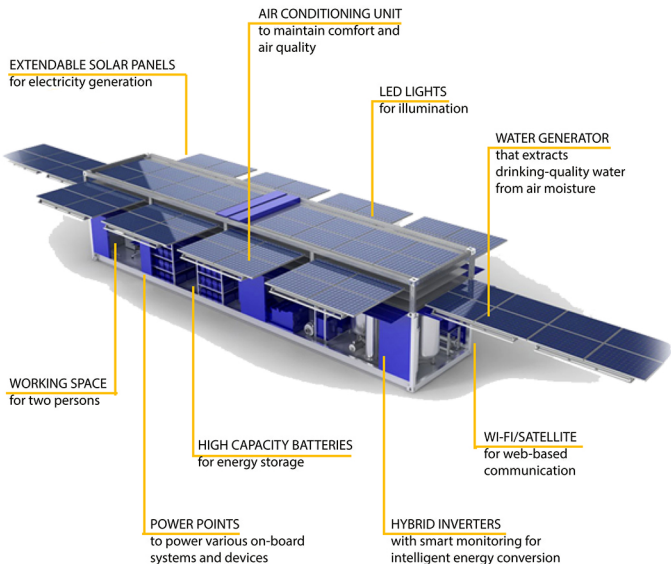
ECOCUBE

A revolutionary way to bring energy anywhere, anytime

EcoCUBE is a self-sustaining mobile work station that generates energy, pure drinking water and communication facilities wherever it's set up. The best part? Everything packs neatly into an easily transportable container, and can be quickly unpacked to become an immediate and fully functional work space.

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APPLICATIONS

MILITARY

Military forces are often required to be deployed to locations where communication, clean water and energy is non-existent, or at best, intermittent. EcoCUBE can be transported via land, sea or air to deployment sites, and set up to instantly provide a functional base for military operations to take place.



HUMANITARIAN

Sadly, 1.3 billion people in the world don't have access to electricity and 780 million people don't have access to clean water. EcoCUBE can meet the need for energy and clean water at a fraction of what it would cost to connect these areas to the central electricity grid and sanitised water supplies.



DISASTER RELIEF

In the event of disasters like floods, earthquakes or hurricanes, an efficient response to basic needs like water, energy and communication is essential. EcoCUBE is a reliable and versatile solution when quick access to water and energy could make all the difference.



CONSTRUCTION

Many construction sites are powered by diesel generators, which are messy, noisy and release harmful toxins into the air. EcoCUBE is a safe, smart and sustainable way to provide energy, water and communication to construction sites.



FEATURES

Below are the standard inclusions in an EcoCUBE. All features are designed to pack securely into a 20 foot container. Specifications can be tailored to meet your needs.

Solar panels	<ul style="list-style-type: none">> 60 units of 300W solar photovoltaic modules> Capable of generating up to 18kW of electricity> Mounted on roller assemblies for easy integration
Inverters	<ul style="list-style-type: none">> 3 units of hybrid inverters, model GW 5048ES (Dual MPPT, Single Phase)> Intelligent battery management function> Real time or off site energy monitoring
Energy storage	<ul style="list-style-type: none">> 72 units of batteries to ensure continuous electricity supply> Sufficient to power up standard applications in the EcoCUBE for one day
Water generator	<ul style="list-style-type: none">> 1 unit of Airemist Axstra water generator> Can generate up to 32 litres of water per day (subject to conditions)> The system extracts water from air moisture and runs through 7 stages of filtration to produce crystal clear drinking water
LED tube lights	<ul style="list-style-type: none">> 10 units of quality LED tube lights> Lasts 30 times longer than incandescent bulbs, with a lifespan of up to 10 years> Uses 90% less electricity than compact fluorescent light bulbs
Working space	<ul style="list-style-type: none">> Desks, shelving, chairs and power outlets for two workstations> Equipped with WI-FI hubs and satellite connection (optional)

CONTACT

ECO SEIDO

No 17 JALAN KARTUNIS U1/47
SECTION U1, TEMASYA INDUSTRIAL PARK
40150 SHAH ALAM, SELANGOR
MALAYSIA

T +603 55693300 **F** +603 55691212