

ROM ENERGY TECH

Clean energy flowing

ABOUT US

ROM ENERGY TECH is a company established in 2019 by engineering experts who decided to join forces to capitalize on their knowledge and transform it for the betterment of the planet. Our mission is to contribute to reducing the carbon footprint by developing and commercializing technology for renewable energy generation. This includes solar power, energy recovery in hydraulic systems, intelligent energy storage, self-generation of energy, atmospheric water generators, and wastewater treatment plants. Additionally, we offer electromechanical HVAC equipment and water pumping solutions, integrating turnkey projects.

As of 2022, we are proud members of the Solar Impulse Foundation.

Member of

WORLD ALLIANCE
for EFFICIENT SOLUTIONS

by **SOLARIMPULSE**
FOUNDATION



MISSION



Provide solutions to the industry to reduce its energy consumption and carbon footprint through clean energy.

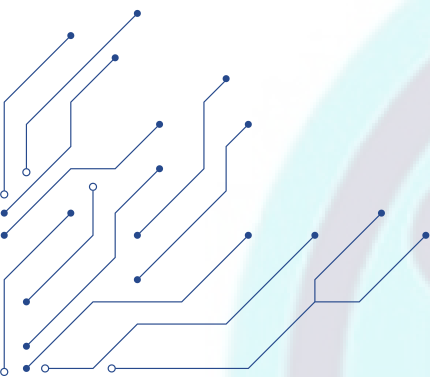
VISION

To improve energy efficiency, and reduce carbon emissions by developing and applying cutting edge technologies.



VALUES

- Innovation
- Sustainability
- Professionalism
- Honesty
- Social responsibility



SERVICES



Atmospheric water generators:

Generators that autonomously produce water through condensation, based on the relative humidity of the environment, to collect it in a container and then undergo a 5-step filtration process to ensure the water is suitable for human consumption. Residential and commercial applications.

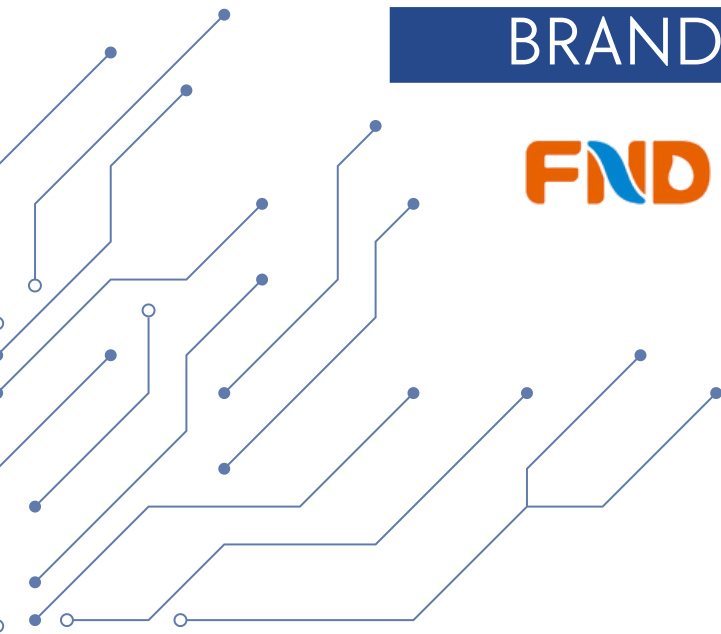


CAPACITY:

- Residential: From 10 a 100 lts per day (@ <math><30^{\circ}\text{C}</math>, RH 80%)
- Commercial: From 1000 a 10,000 lts per day (@ <math><30^{\circ}\text{C}</math>, RH 80%)

BRAND

FND



Wastewater Treatment Plants

Comprehensive wastewater treatment plants featuring a 4-stage system that combines aerobic and anaerobic digestion for superior treatment meeting wastewater quality standards. These plants do not require additional septic tank construction and can be installed directly on natural terrain, streamlining the process and reducing costs.

The aerobic and anaerobic chambers utilize both floating and fixed media to filter and promote the proliferation of beneficial bacterial colonies. They incorporate an activated sludge return system to reduce suspended solids and denitrify water, along with a backwash system for filtration media cleaning. Effluent water can be treated with chlorine, stored in a cistern, and subsequently reused for irrigation purposes.



BRAND

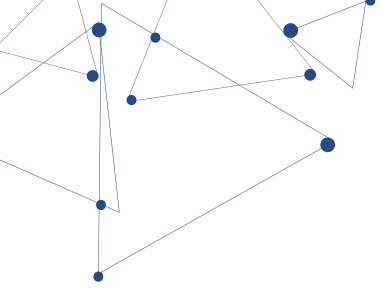


Capacity: 4-90m³ /d



Capacity: 0.5-2.5m³ /d





Energy Storage



Power supply provided by an intelligent lithium deep-cycle battery storage system. Energy generated from a renewable source can be stored and used to reduce consumption peaks, for self-consumption, selling excess energy to the grid, or as backup support in case of grid power interruptions.

We assist businesses and communities of all sizes in their transition to clean renewable energy. Our comprehensive autonomous energy production systems, with or without photovoltaic modules and batteries for residential or commercial (microgrid) applications.

BRAND



S40K

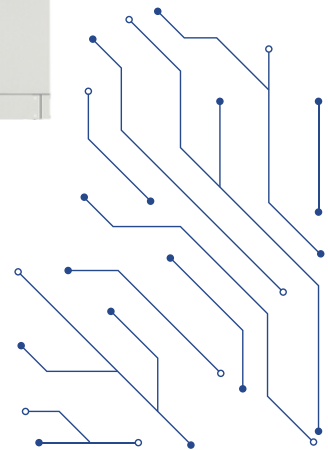


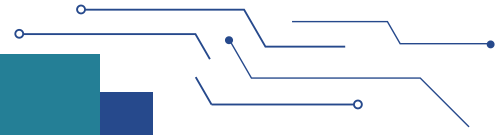
38kWh



*Household Capacity:
From 5 to 30 kWh

*Microgrid Capacity:
From 38 to 5000 kWh





Power Generation

Systems for ON/OFF grid electric power generation with unparalleled efficiency for self-sufficient supply, integrated with solar modules, inverters, batteries, and LP or Diesel motorized power generators. We design your system based on your needs with our engineering team and install it, delivering a turnkey project.



PRODUCTS:

- Inverters.
- Photovoltaic Modules.
- Wind Turbines.
- Low and High Voltage Batteries.
- Motorized Power Generators.

BRANDS

GENERAC

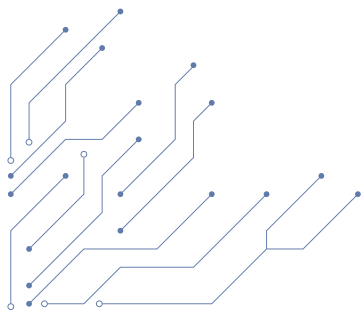
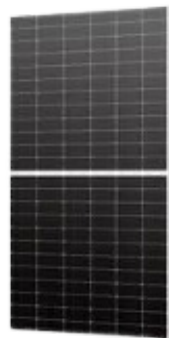
GROWATT

LUXPOWER^{TEK}

LONGI

victron energy
BLUE POWER

KOWINT



HVAC and Water Pumping Solutions



Equipment for domestic water heating and pool heating, available in LP gas or electric options. Heat pumps are a highly efficient alternative for energy savings in many cases. Ventilation and air extraction systems to reduce heat and remove unwanted gases. Electric or solar-powered air conditioning systems for climate control. Pumping systems for water, including pressurizers or transfer pumps with electric or solar power supply.



BRANDS

POWER WORLD

ESPA



HYDROQUIP
THE SMART CHOICE™

ALTAMIRA®

AQUA PAK®

Raypak®
A Rheem® Company

CONNERA®
Energia Renovable

ZOELLER®
PUMP COMPANY



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