



*Forever***Pure**[®]
Pure Water & Clean Energy

Large Scale SolarWindOasis Systems

Complete clean-powered desalination systems for large off-grid applications.



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Large Scale SolarWindOasis System Overview

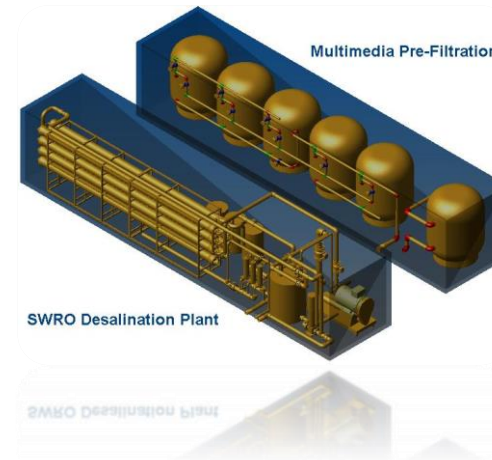
Solar and/or wind Farm



Containerized Battery Bank
with Hybrid Solar Inverter



Containerized
Desalination System



Potable Water



Hybrid Power Input from Grid

System Input

The sources of energy input to the system:

- Solar farm installed near the beach
- Wind farm installed near the beach
- Hybrid power input from grid

This grid tie system generates clean energy from the sun or wind. Solar and wind farms can be used in conjunction for maximum power output. Electricity is drawn from the grid to make up for the shortfall when insufficient electricity is generated from solar or wind and the batteries are not charged.



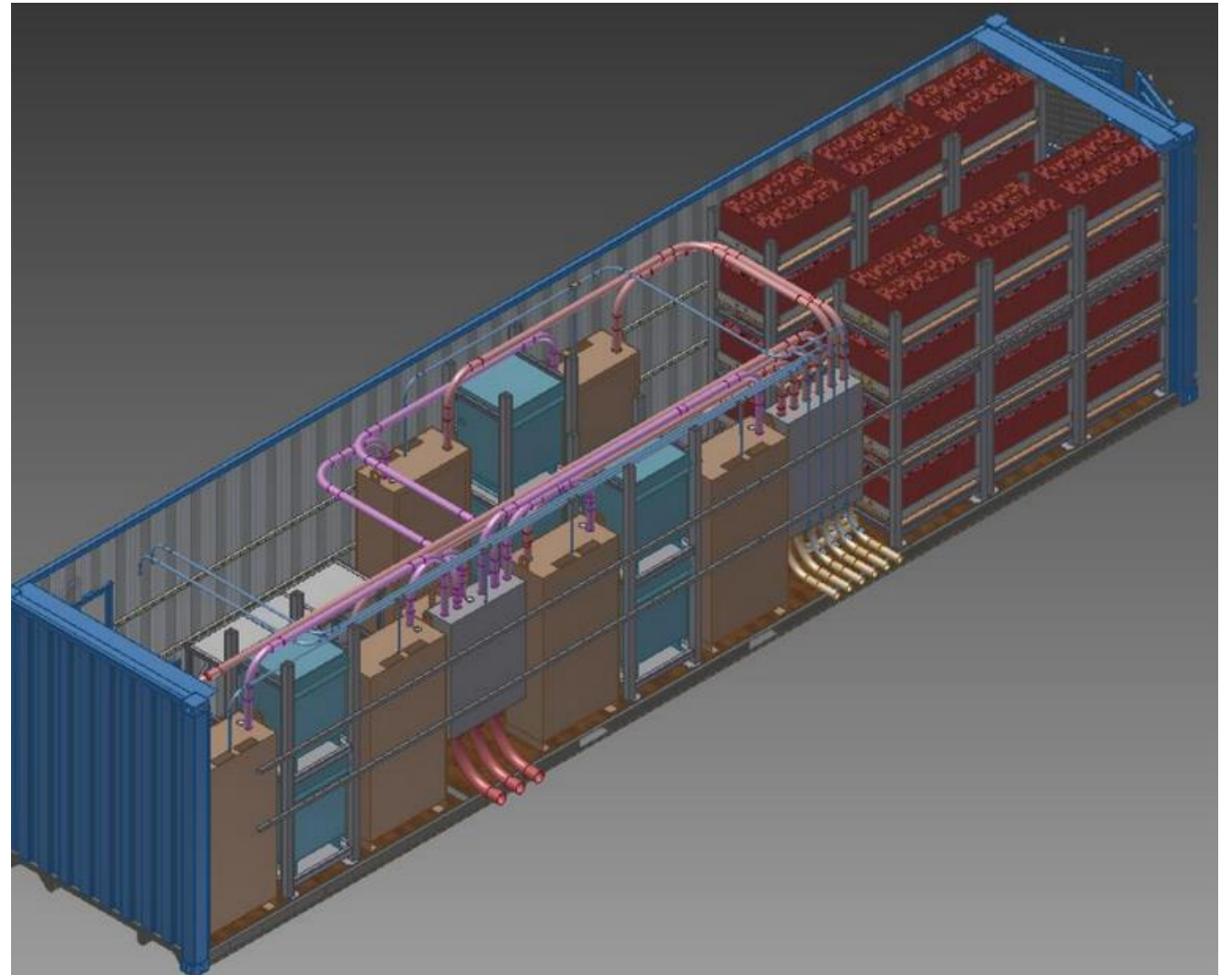


Clean Energy Options

- All desalination systems can be integrated with solar power, wind power, or both.
- Further reduces or eliminates grid-dependence.
- Allows the system to run during grid outages.
- Can be combined with a containerized battery bank to further reduce grid-dependence.

Containerized Battery Bank Overview

- The grid tie solar system feeds into the containerized battery bank with hybrid solar/ wind inverters.
- The standard 10-foot, 20-foot and 40-foot shipping containers combine energy storage, power conversion and a control system.
- The container is insulated and comes with built-in HVAC.
- Multiple containers can be connected together and operated as one.



Containerized Battery Bank Features

- Remote diagnostics, monitoring, controls and data logging
- Modular architecture makes service repair easy
- Hybrid solar inverters convert DC power supply from the solar array, grid and batteries to AC power to supply the loads
- Turnkey system can be installed anywhere with minimal on-site expertise

Advantages

- Solar and/or wind farm allowed to output maximum power where excess is stored in batteries
- Excess energy can be stored during the day and used at night
- Flexibility in following fluctuating load demand
- Lower fuel consumption from generators and lower reliance on a fuel source
- Reduced fuel consumption and grid input decreases overall operating cost
- Production of cleaner energy

Containerized Desalination System - Overview

Simple, fully automatic operation with easy access control panels.

Container comes fully equipped with lighting, air conditioning, insulation, plumbing, electric conduit and comes fully tested before shipping.



Container is a 40' standard container with exterior weather-proof paint. Easy walk-in access for hassle-free service and maintenance.

Converts seawater and brackish water into fully potable water.



Containerized Desalination System Examples



Containerized unit in the middle of the Nevada desert turning deep borehole brackish water into high quality water.



Double pass seawater desalination system producing bottled water quality water from the ocean.



Full View of the reverse osmosis system that is mounted inside the container. The system is fully equipped with pre-treatment chemical dosing system, touch screen control, fully automatic PLC control, various meters and gauges, clean-in-place system and post treatment chemical dosing system.

SWRO-10K: 10,000 Gallons Per Day



Right Side View

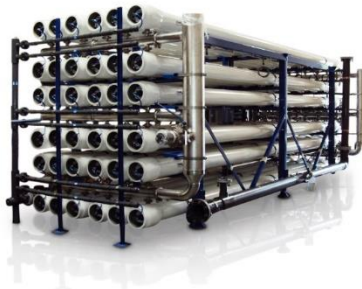


Left Side View

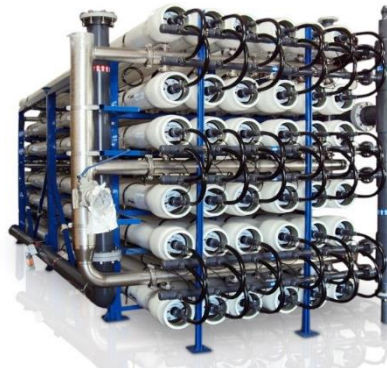


Containerized

SWRO-3000TPD: 3,000 Tonnes Per Day



Right Side View



Left Side View



Control Panels

System Output and Summary

The large scale SolarWindOasis system outputs **potable water** and **clean power**.

System includes:

- ForeverPure containerized desalination system
- ForeverPure Power containerized battery banks with hybrid solar inverters
- Solar farm and/or wind farm installed near the beach
- Hybrid power input from grid
- Output is potable water and clean power

The modular battery banks with hybrid solar inverters and the desalination systems are mostly turnkey and ready to start upon site arrival. They can run in parallel to provide higher production rates. All systems can be configured and supplied to meet the specific need.



A high-speed photograph of a water droplet falling into a pool of water, creating a series of concentric ripples. The droplet is captured mid-fall, just above the point of impact, with a small air bubble visible just below it. The water surface is a light blue-grey color, and the ripples are a darker shade of blue.

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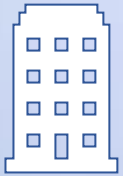
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- We are committed to:
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- Promoting the widespread use of clean energy
- Improving global health
- Reducing water borne diseases
- Preserving our beautiful Earth

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