



## ForeverPure Corporation

"One Clean World, One Goal"

# Large Scale Solar Oasis Systems

Introducing our Large Scale Solar Oasis Systems, complete solar-powered seawater and brackish water desalination systems providing potable water and clean energy to large off-grid applications.

The system includes:

1. ForeverPure containerized desalination system
2. ForeverPure Power containerized battery bank with hybrid solar inverter
3. Solar farm installed near beach
4. Hybrid power input from grid
5. Output is potable water and clean power

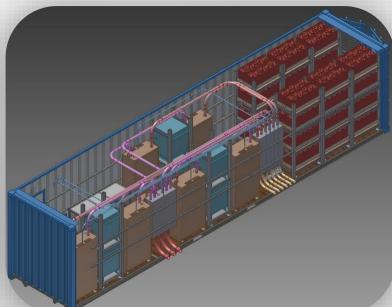


## System Input

The two sources of energy input to the system are:

1. Solar farm installed near beach
2. Hybrid power input from the grid

This grid tie solar system generates clean energy from the sun. Electricity is drawn from the grid to make up for the shortfall when insufficient electricity is generated from solar and the batteries are not charged.



## Containerized Battery Bank

- The grid tie solar system feeds into the containerized battery bank with hybrid solar inverters.
- The standard 10 foot shipping container combines energy storage, power conversion and a control system. Equipped with HVAC.
- Multiple containers can be connected and operate as one.

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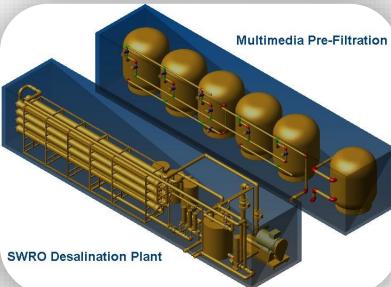
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### Containerized Desalination System

- Converts seawater and brackish water into fully potable water
- Container is a 40' standard container with exterior weather-proof paint. Easy walk-in access for hassle-free service and maintenance.
- Container comes fully equipped with lighting, air conditioning, insulation, plumbing, electric conduit and comes fully tested before shipping.
- 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.



### System Output and Summary



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

#### System Advantages:

- 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 rate. All systems can be configured and supplied to meet the specific need.
- Solar array is allowed to output maximum power where excess is stored in batteries and can be used at night
- Flexibility in following fluctuating load demand
- Lower reliance on grid and fuel decreases overall operating cost

Please visit [www.foreverpureplace.com](http://www.foreverpureplace.com) for more information about our water purification technologies.

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