



The mission of WorldWater & Solar Technologies is to make clean water and power available everywhere in the world through its proprietary solar technology

Solar Powered Containerized Water Treatment Systems

- Multi-stage water purification process can purify any source water, including seawater, into potable water
- Scalable system capable of producing up to 120,000 gallons (454,250 liters) per day of potable water
- Systems can be paralleled to increase daily water production
- Provides up to 99.80% salt rejection and 92% Boron rejection



Ideal for:

Emergency Situations
Irrigation Solutions
Natural Disaster Hot Spots
Mobile Water Treatment
Coastal Towns & Villages
Resorts
Areas with High Electricity Costs

Each system includes:

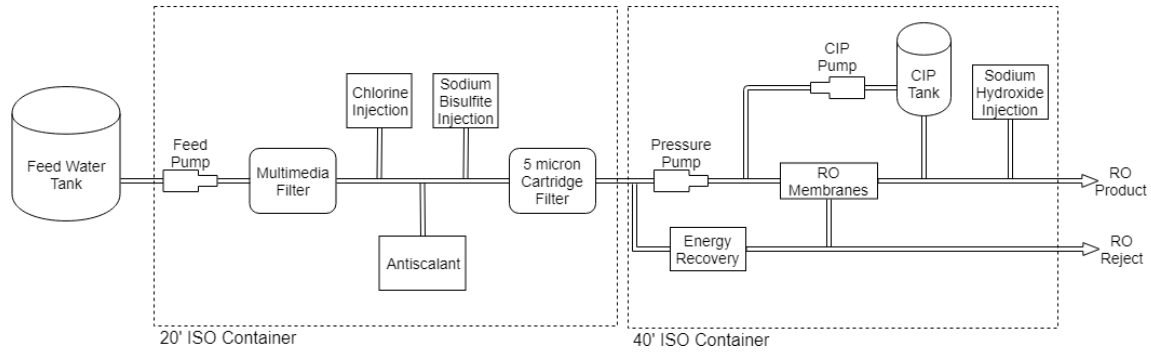
- Engineering System Design
- ISO insulated Containers with lighting and HVAC for shipping and protection
- FDA compliant Reverse Osmosis (RO) membranes
- Pre-Treatment System to extend life of RO membrane filters
- Post-Treatment System to raise water pH
- Power system with Solar Array and Lithium-Ion Battery Storage System
 - Battery Storage System will have independent ISO container
 - Solar Array can also be dismantled in preparation of hurricanes for safe storage
 - System can also be able to be grid-tied (powered from electric utility)
- Provision of corrosion resistant shipping containers
- User manual including installation, operation, troubleshooting, and commissioning procedures
- List of Recommended Parts and Consumables
- Materials and Workmanship warranty of 1 year



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Line Diagram

Water Line Diagram



Select System Sizes*

System Flow Rate (GPM)	Daily Volume ^Δ (GPD)	Shipping Weight (LBS)	Solar Size** (kW)	Li-Ion Batt Size** (kWh)	Avoided Electricity Cost per Year (@ \$0.21/kWh)
13	18,720	4,100	152	475	\$40,000
50	72,000	9,500	475	1,480	\$125,000
80	115,200	14,000	640	2,255	\$190,000

* Other system sizes available

^Δ Daily volume dependent on source water quality and final hardware configuration

** Final Solar and Battery Sizing dependent on purification system components and final location