

Safe, Clean Drinking Water Anywhere

Portable Solar Powered Water Purification Systems

Purify Contaminated Water

Providence portable solar powered water purification systems can take water from polluted rivers, lakes, streams or contaminated wells and make it safe to drink. Brackish water and even seawater can be converted to potable water.

Saves Lives

Our systems save lives by preventing the spread of water-borne diseases like cholera and typhoid, and by removing deadly toxins.

Clean Water for :

- Military Operations
- Governments
- Disaster Relief
- Humanitarian Aid
- Security
- Emergencies
- Villages, Towns
- Private Industry
- Long Term Use

Solar Powered

No fuel, no generators, no power grid required. A sustainable, smart solution to water problems in even the most remote areas.

Water for Hundreds or Thousands

Clean Water Cubic Meters Per Hour	Clean Water Liters Per Hour	Clean Water Gallons Per Hour
1m ³	1,000	264
3m ³	3,000	792
5m ³	5,000	1,320
10m ³	10,000	2,640

Based on mid-latitudes

Portable & Rugged



One of 327 units deployed in Iraq, now providing clean drinking water to 600,000 citizens

Simple

It takes a few hours to set up our solar powered water purification systems. Simple to operate, they are designed for years of service with minimal maintenance.

Automatic

The solar panels move to track the sun automatically. All systems feature automatic flushing and backwash. Automatic low pressure shutdown and restart.

Cost Effective

Priced to be affordable, Providence systems make clean water without the added cost or logistical headache of fuel or water transport. The total cost of producing a gallon of clean water is about a penny.

Customer Support

Authorized well drillers and system installation available. Remote monitoring of system components and performance available. Comprehensive training. Outstanding customer support.

Providence also provides solar powered irrigation pumps for all types of irrigations.

Filtration

Filtration systems are custom designed for your local water conditions. They can include different combinations of a pre-filter stage, mechanical filtration, reverse osmosis (RO) membrane filtration, and ultraviolet light treatment.

Once water has passed through the system it is 99.99% free of harmful bacteria, viruses, cysts and pollutants. The systems can convert high turbidity (greater than 50 NTU) surface feed water to clear, clean drinking water.

