

# Mobile Water Purification System

Filtration and Ultraviolet Light Disinfection  
Portable, Solar Battery / 12-volt Powered  
*U.S. and International Patents Pending*

- Purifies 1 gal. (3.7 liters) per minute; 720+ gal/day
- Built-in Flexibility, 2 Power Sources
- Solar Charged Battery Powered = 12+ hrs/day
- Portable: Approx 50 lbs
- Briefcase Size: 22" wide x 18" long x 10" deep
- Rugged / Reliable: Easy to Operate
- Easy, 1-minute Set-Up: Instant Production
- Battery Charge = 100+ gals. (370+ liters)/day



**GWS Mobile Water Purification System** is enclosed in a dent-resistant, molded resin briefcase style design with a retractable Handle and Sturdy Rolling Wheels for easy traveling.

## **Produces Clean Safe Drinking Water From Creeks, Rivers, Lakes or Other Fresh Water Sources**

GWS Mobile Water Purification Systems have the capability of producing clean and safe drinking water from almost any creek, stream, pond, well, lake or other fresh water source where water purification and electrical power are impractical or unattainable - at a volume production rate of 1 gallon (3.7 liters) per minute. For continuous water purification production, a 15 ft long, 12-volt electrical power cord is provided with a cigarette lighter plug and battery jumper cable clips that can be plugged into any car, truck, boat, plane, generator or any 12-volt electrical power supply source.

These Portable, Solar Battery/12-volt Powered Water Purification Systems pull the water from the source through a 5.0 micron Sediment Pre-Filter. The water is then pushed through a Carbon Block Polishing Filter that has the capabilities of removing: **Giardia and Cryptosporidium Cysts, Herbicides, Pesticides, Trihalomethanes (THMs), certain Volatile Organic Chemicals (VOCs), Chlorine and Chlorine By-Products, Sediment, bad taste, odors, color, smell, and many other harmful chemicals and contaminants down to a 0.5 micron.**

The polished filtered water is then channeled past an Ultraviolet Light Disinfecting Process that has the ability to kill bacteria, viruses, Typhoid Fever, Coliform, Dysentery, Cholera, Infectious Jaundice, Hepatitis and Influenza Virus, E-coli, Enteric Fever and many other unwanted microorganisms to a 99.999% purity level. **Life expectancy of the Carbon Block Filter with clean incoming water is 10,000 gallons or 1 year. The Ultraviolet Light life expectancy under normal usage is 12 to 18 months.**

### **APPROVALS**

This System is approved for air shipments inside and outside the continental United States. All water contact components carry a NSF Approval Rating and the ultraviolet light carries a Certificate of Analysis.

The filter and UV light manufacturers are members of the Water Quality Association. GWS manufacturer, Aqua Sun International, is a registered US DOD Central Contractor, an approved United Nations supplier, and a member of the AMERICAN SOLAR ENERGY SOCIETY (ASES).

