

## Portable Water Purification by Fourwinds Enterprises

In response to the urgent need in Haiti for safe drinking water, Fourwinds Enterprises of Punta Gorda, designed and built a portable water purification system that also serves as a solar generator. The system can produce up to 4 gallons of purified water per minute. The system is battery operated and solar charged. The entire system is self-contained in a sturdy case and is ready to use upon arrival. Each system has two 12 volt accessory outlets which allow the use of LED lighting, cell phone chargers, fan, radios, etc.

Each system has a micro processor controller that provides a unique purge feature which prevents the inadvertent pumping of unpurified water. The controller also serves as a solar regulator and monitors battery charge to prevent damaging discharge and over charging. The Fourwinds systems are designed for use in underdeveloped, remote locations and are built for long life with little maintenance.

The “Grab N’ Go” system utilizes the same UV sterilization process but is gravity fed. This system can be configured with a battery and solar panel, or can be powered by an external source, like a vehicle. These systems can be housed in a compact sturdy case or in a backpack.

All systems have been tested by an independent laboratory.

Fourwinds Enterprises is an alternative energy technologies company that designs and builds innovative solutions for customers in the defense, security and marine industries. The company blends its extensive expertise in alternative energy technologies and software design to create unique product solutions for its customers. Fourwinds Enterprises’ products are proudly Made in Punta Gorda, Florida.

