



- ☐ Cost effective
- ☐ Reliable & efficient
- ☐ Low Maintenance
- ☐ Quiet & Pollution Free

CARIBBEAN DISASTER RELIEF

Solar Powered Drinking Water Systems & Electricity

Island Relief Immediately Upon Arrival of Portable Systems



- Fully operational solar drinking water systems & electricity.
- **Less than \$.01/Liter.** (Compare with cost of bottled water)
- **Set up immediately** after arrival onsite.
- **No gasoline, diesel** or external power source required.
- Clean Water & Power support for critical facilities such as medical, emergency and civil affairs.
- **Military Tough** --Withstands Harshest Winds and Floods.
- Immediate infrastructure replacing or aiding infrastructure that has been damaged or is inoperable.
- Reduces demands on limited State and Local recovery resources.
- Pre-deployable infrastructure to disaster-prone areas for immediate post-disaster operation and provision of critical water and power.
- Environmentally friendly, quiet and pollution-free operation
- Proprietary and patented technology
- Ability to store for future events
- If water purification unit (Mobile MaxPure) is bypassed, unit is able to pump 70,000 – 100,000 gpd for flood dewatering or irrigation



SHEPS



Mobile MaxPure (MMP)

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The mission of WorldWater & Solar Technologies is to make clean water and power available everywhere in the world through its proprietary solar technology and 30+ years' experience.





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Product

Specifications

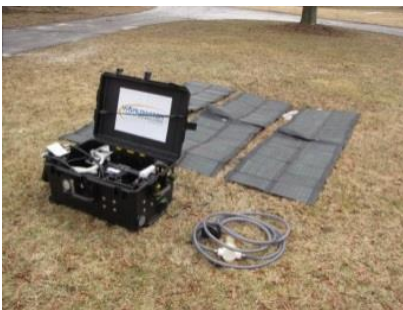
Overview



Mobile MaxPure®

- Reverse Osmosis (RO) Water Purification
- 3,000 – 4,000 Gallons/Day (11,350 liters)
- 3 kW AC inverter
- 31 kWh deep cycle gel battery bank
- AC/DC electrical load center
- Field level support package
- Ruggedized- Military tough
- RO system treats water up to 45,000 PPM TDS (seawater)
- Simple set-up
- One year of consumables

Fully packaged & easily transportable solution. Standard with Reverse Osmosis (RO) Water Purification, treat seawater & contaminated water. Available with freshwater Ultrafiltration system that purifies up to 30,000 gallons (113,500 liters) per day from freshwater. Setup and produce clean water in 30 minutes. Auxiliary AC/DC electricity to provide critical power to electronics and small appliances. Plug-in generator or grid power for additional processing.



SHEPS™

- Reverse Osmosis (RO) Water Purification
- 180 Gallons/Day (680 liters)
- 400 Gallons/Day (1,500 liters) with optional battery case
- 480 watt flexible panel solar array with additional power input capabilities to expand output
- 2 to 3 suit case sized cases; one container water purification, one container accessories; optional case includes 3 kWh lithium ion battery storage & AC/DC power
- Ruggedized- Military tough
- RO system treats water up to 45,000 PPM TDS (seawater)

Solar-hybrid powered, stand-alone and easy to use. Reverse Osmosis (RO) Water Purification; treat seawater and contaminated water. Built rugged for field use, easy transportation. Set up and operational in 30 minutes after arriving onsite. Case size suitable for carry-on baggage. (Output estimated based on 6 peak sun hours)



MiDAS™

- Reverse Osmosis (RO) Water Purification
- 180 Gallons/Day (680 liters)
- 400 Gallons/Day (1,500 liters) with optional battery case
- Four (4) 120 watt and one (1) 30 watt rugged, flexible high efficiency crystalline solar modules
- 2 kW auxiliary generator
- WorldWater communications platform, aid in disaster relief and military operations
- RO system treats water up to 45,000 PPM TDS (seawater)

Low cost, self-contained modular, hybrid-powered system for portable water purification, communications and situational awareness. Utilizes the Joint Modular intermodal container (JMIC), approved for military logistics and transport.

* Patents
 US #6,275,403
 US #6,583,522
 US #7,145,265
 US #7,148,650

(Note: output estimated based on 6 peak sun hours)

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