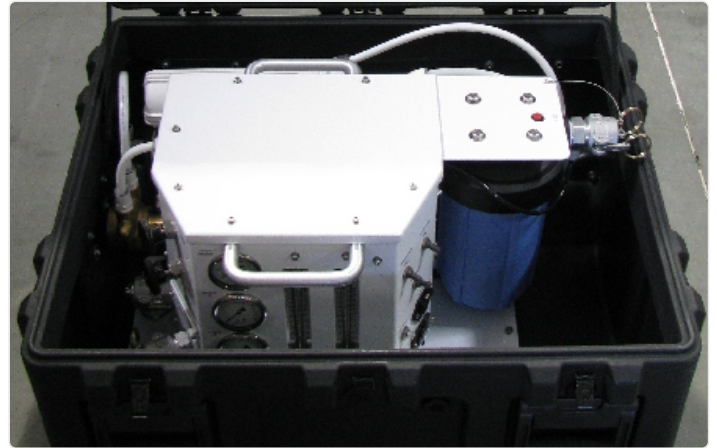


SPS W 1000-RO



The SPS W 1000-RO is a Reverse Osmosis water filtration solution that is portable for remote locations, disaster relief needs, humanitarian assistance missions or for permanent installations where there is little on no existing electrical power generation capability. The system can produce up to 1000 gallons per day of pure and healthy drinking water. Its Point Of Use, Point Of Generation design is an ideal solution to minimize the logistical burden associated with water movement and can dramatically reduce the “fully burdened cost” of water in a field environment.

Features

- ✔ Simplistic operations – 15 minute setup
- ✔ Charcoal Post Filtration
- ✔ Feeder pump (50 mesh) with 5 or 10 micron filter sock
- ✔ Pressure drop auto kill switch-prevents running dry
- ✔ Corrosion resistant construction
- ✔ 10 Foot NATO Connector Cable
- ✔ Distinguishable tubing for product, waste, & input
- ✔ TDS Sensor-preset and customizable
- ✔ Feeder Pump floatation buoy
- ✔ Stainless Steel Hose connectors
- ✔ High volume pre-filtration filter
- ✔ One man portable
- ✔ NSF Components
- ✔ Waterproof MILSPEC Case (34"x29"x17")
- ✔ Car Battery cable set option
- ✔ Quick Disconnect hoses
- ✔ Supports well operations
- ✔ Operational Instructions on lid (foreign languages)
- ✔ Multi-voltage input capability 12-50VDC
- ✔ Ultra High Efficiency power circuitry
- ✔ Multiple power source capable (250 watt continuous)
 - 12 Volt car/motorcycle batteries (2x in series)
 - Solar Power (3 Solar Blankets)
 - NATO Connection receptacle
 - AC Power (110-220)

FILTRATION SYSTEM SPECIFICATIONS	SPS W 1000RO
Membrane Size	4" x 21"
Production Rate	1000 GPD, 0.7 GPM
Electrical Voltage	24 Volts DC
Motor Rating	3/4 HP
Pump Flow	325 GPH
Unit Dimensions	29"Wx16"Dx15"H
Dry Weight (lbs)	69 LBS
Controller Dimensions	7"Wx4"Dx11"H

OPERATING SPECIFICATIONS	
Minimum Feed Pressure	25 PSI
Operating Pressure	100 PSI
Maximum Operating Pres	150 PSI
Max Hardness of water	15 Grains
Max Water Temperature	105°F
Max Chlorine (Continuous)	0.1 PPM
Max Total Dissolved Solids	3500 PPM
PH Range	4-11
Turbidity	250
Max Total Suspended Solids	600 PPM
Iron, Manganese, Hydrogen Sulfide	0 PPM

Available Accessories

- ✔ NATO Slave Receptacle Power cable
- ✔ AC/DC Power Converter
- ✔ Deep Well Augmentation
- ✔ 50 foot NATO Cable
- ✔ High Volume Feeder Pump
- ✔ Storage Tanks
- ✔ Additional 25 foot water hose sections with power chord
- ✔ Solar Panel Set with Case - 3 x 220 Watt panels
- ✔ US Garden Hose bib adapter to any other size tubing

Consumables

- ✔ RO Membrane
- ✔ Hoses and Tubing
- ✔ Pre-Filter
- ✔ Feeder Pump Filter Sock
- ✔ Post Filter