

LWPS

LIGHTWEIGHT WATER PURIFICATION SYSTEM

SCALABILITY REDEFINED

The TECWAR® LWPS redefines scalability and is the foundation of our lightweight water purification systems. This reverse osmosis system produces up to 300GPH of potable water in any field condition and can be scaled up to 900+ GPH. Scalability reduces operator training requirements, eliminates the need for additional water assets, and provides the capability to change the product water output based on specific needs.

With the most unique power source versatility, the LWPS can be operated with multi-fuel engines or electrical motors. No other water purification system offers true scalability, power source flexibility, and reliability like the TECWAR® LWPS.



ALL SOURCE CAPABLE™

Our All Source Capable™ systems produce potable water from a wide range of sources such as streams, lakes, rivers, and oceans. So, whether the source is freshwater, brackishwater, or seawater, the TECWAR® reverse osmosis systems provide absolute water purification in the most austere environments.



TACTICAL AND FIRST RESPONSE WATER PURIFICATION SYSTEMS

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PURIFY WATER ANYWHERE IN THE WORLD FROM ANY SOURCE

KEY SPECIFICATIONS AND FEATURES:

- 300GPH maximum flow rate on freshwater sources
- 150GPH maximum flow rate on saltwater sources
- Lightweight design allows 2-person portability of modules
- Modular design provides adaptive layout to changing expeditionary environments
- Rugged, open-frame design allows for ease of maintenance and element replacement
- Minimal personnel requirement: 2-person setup and only 1-person operation
- Raw water source to system up to 330ft and a maximum 25ft of lift
- Transportable by HMMWV, M1102 trailer, single Quadcon, air, or 1-Ton pickup truck
- Operational flexibility can be achieved with the addition of Extended Capability Modules (ECM)
 - Ocean Intake Structure System (OISS)
 - Cold Weather Kit (CWK)
 - Nuclear, Biological, and Chemical (NBC) Module
 - Contamination Avoidance Cover (CAC)



www.tacticalwater.com
info@tacticalwater.com



TerraGroup Corporation

PO Box 8839 Allentown PA 18105-8839 USA
p (610) 841-8370 f (610) 841-8371

DUNS: 938261740 CAGE: 09BM7 NAICS: 333318