

MPRO[®] 60HDX

**MILITARY PORTABLE
REVERSE OSMOSIS 60
HEAVY DUTY EXTREME**



patent pending

***Lightweight, Modular Design
Powered by Battery or Auxilliary Electrical Source***

TACTICAL and FIRST RESPONSE



WATER PURIFICATION SYSTEMS

TECWAR® Military Purification Reverse Osmosis 60 Heavy Duty Extreme (MPRO® 60HDX) Water Purification System

The TECWAR® Military Portable Reverse Osmosis 60 Heavy Duty Extreme (MPRO® 60HDX) is a portable, modular and scalable water purification system. This system provides immediate, safe, potable water to small military units, first responders, and medical personnel for drinking, hygiene and food service. Because of its ease of operation and maintenance friendly design, the TECWAR® MPRO® is ideal for military, humanitarian and disaster relief efforts as an initial operation capability.

The MPRO® 60HDX allows expeditionary forces to produce drinking water at the small unit level by providing a RO based water purification system that produces safe drinking water from freshwater, brackish or salt water. The system can produce up to 60 GPH (gallons per hour) of purified water from any fresh water source and up to 30 GPH (gallons per hour) of purified water from brackish or sea water.

The MPRO® 60HDX is a safe alternative to bottled water. From a fresh water source, it can produce the equivalent of 1816, 16.9oz bottles of water in a 4 hour period and fill 304, 3 Liter water bladders in a 4 hour period.

The MPRO® 60HDX reduces the logistical footprint before, during and after water operations. From a fresh water source, it can produce the equivalent of 7270, 16.9oz bottles of water in a 16 hour period (4 charge



The TECWAR® MPRO® 60HDX is designed to fit in an all-terrain (ATV) vehicle or any military/civilian vehicle.



The modules in cases with wheels can be rolled into place by one person. Modules can be lifted by 2 individuals.



Transport and Storage

The modules are contained in separate 37" x 27" x 18.5" cases, each case weighs 46 lbs when empty



The Purification Module

- Weight: 138 lbs
- Dimensions: 32" x 22" x 13"
- Can operate on 120 VAC or from a 24 to 28 VDC power source, the same used on U.S. military vehicles via NATO slave connector



The Power Module

- Weight: 122 lbs
- Dimensions: 32" x 22" x 13"
- Runtime: 4 hours
- Recharge time: < 2hrs
- Two lightweight 24 volt Lithium Ion batteries for independent operation
- Supplies power to the Purification Module
- AC/DC power source charges the batteries while supplying power to the Purification Module
- Battery life: 3000 cycles (charges)

***Purify water
anywhere in the world
from any source.***



TACTICAL and FIRST RESPONSE WATER PURIFICATION SYSTEMS

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Developer and Manufacturer of the United States Marine Corps
Lightweight Water Purification System



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