

MIPRO[®] 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 Portable 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 that 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.

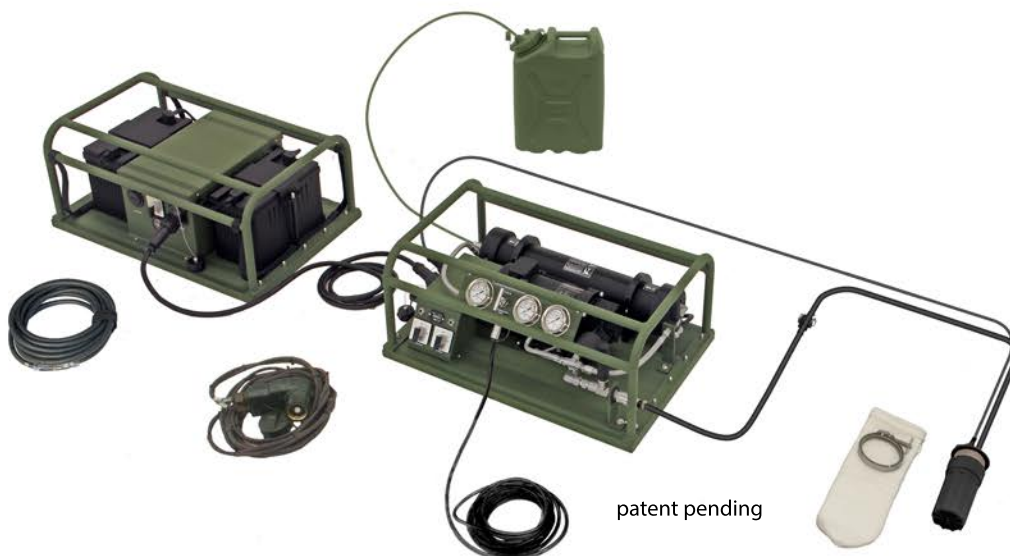
The MPRO® 60HDX™ provides expeditionary forces at the small unit level an RO-based water purification system that produces potable water from freshwater, brackishwater or saltwater. It can produce up to 227 liters per hour (LPH) of purified water from a freshwater source and up to 113.5 LPH of purified water from brackish or seawater sources.

The MPRO® 60HDX™ is a safe alternative to bottled water. From a freshwater source, it can produce the equivalent of 1,816, .5-liter bottles of water in a 4 hour period or fill 304, 3-liter water bladders in the same time period.

The MPRO® 60HDX™ reduces the logistical footprint before, during and after water operations. From a freshwater source, it can produce the equivalent of 7,270, .5-liter bottles of water in a 16 hour period (4 charge cycles) or fill 1,216, 3-liter water bladders in the same time period.



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

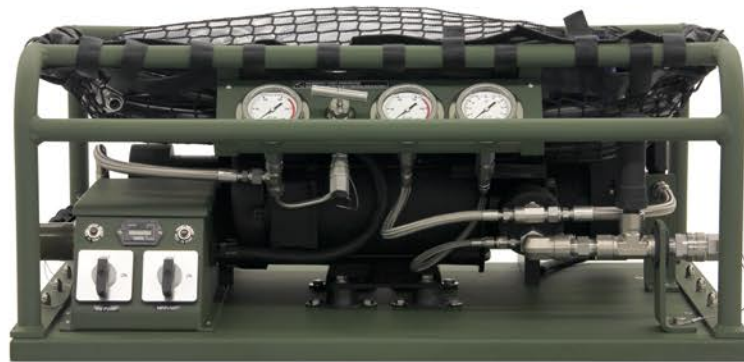


The modules in cases with wheels can be rolled into place by one person. Modules can be lifted by 2 personnel.



Transport and Storage

The modules are contained in separate 94cm x 68.5cm x 47cm cases, each case weighs 20.9kg when empty



The Purification Module

- Weight: 62.6kg
- Dimensions: 81.3cm x 55.9cm x 33cm
- 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: 58.5kg
- Dimensions: 81.3cm x 55.9cm x 33cm
- Runtime: 10 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



www.tacticalwater.com



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