

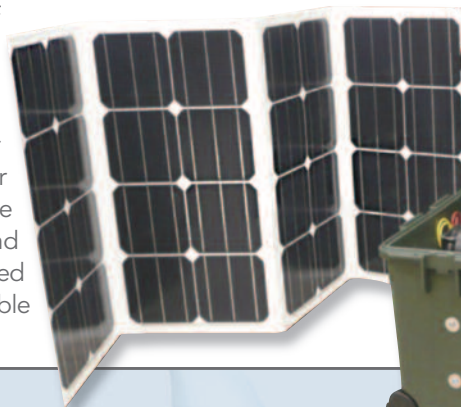
# FREYTECH INC.

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## PURI SEA 30

### MAN-PORTABLE WATER PURIFICATION SYSTEM

The Puri Sea 30 uses Reverse Osmosis technology to desalinate salt water to meet the needs of both military and first responders. This man portable all source desalination module produces 30 liters of potable drinking water per hour. With a 99.4% rejection rate of salt and impurities, the water can be used for drinking, cooking and cleaning. The system is powered by any 12 or 24V DC source including a vehicle's electrical system, solar panel and battery bank. An optional battery and solar panel can be installed inside the unit to allow for complete self-sustaining operation. Water is delivered to the system via a submersible pump connected directly to the system or enclosed inside the unit. Dependable under the most difficult situations, the system will function throughout a wide range of temperature, water and geographic conditions. The system is enclosed in a military grade, shock resistant, non-corrosive case and ruggedized for harsh conditions. An ozone generator serves as a final disinfectant to ensure consistent quality water at the tap and storage water. The system is accompanied with a Service Pack for long term sustainable deployment.



## SPECIFICATIONS

<b>WEIGHT</b>	<ul style="list-style-type: none"><li>• Puri Sea 30 - 65 lbs.</li><li>• Service Pack - 50 lbs.</li></ul>
<b>CAPACITY</b>	<ul style="list-style-type: none"><li>• 8.5 gallons per hour/ 30 liters per hour</li></ul>
<b>POWER REQUIREMENTS</b>	<ul style="list-style-type: none"><li>• 24VDC/4.5 amps</li></ul>
<b>POWER USAGE</b>	<ul style="list-style-type: none"><li>• 12 watts per gallon / 108 watts per hour</li></ul>
<b>SALT REJECTION</b>	<ul style="list-style-type: none"><li>• 99.4%</li></ul>
<b>FEATURES</b>	<ul style="list-style-type: none"><li>• Military grade, shock resistant non corrosive Pelican case</li><li>• Ruggedized for the most difficult and austere situations</li><li>• Energy efficient</li><li>• Quiet</li><li>• Remote deployment</li><li>• Corrosion resistant</li><li>• Man-portable</li><li>• High purity disinfected water</li></ul>