

TREKHY®

Autonomous Power Generator

TREKHY® is a fuel cell-based power generator delivering 30 W of electricity to charge portable equipment.

For energy-dependant situations, TREKHY® solves the issue of reliably powering multiple devices simultaneously anywhere, anytime. High-tech, yet simple-to-use device, TREKHY® is your sidekick for critical missions, as a rugged, portable and stand-alone solution.

PRICING

- Generator
- Includes Reactor: CAD 6,000.00
- Powder Pack
- Single Unit: CAD 14.75
- Box of 60: CAD 625.00



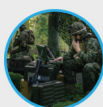
APPLICATIONS

TREKHY®'s revolutionary fuel cell and powder technology deliver unmatched performance for long-duration use. Just bring more powder packs to extend your use time.

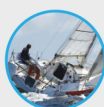
The more energy you need, the more TREKHY® saves you in weight and cost when compared to batteries or other options.



Disaster relief



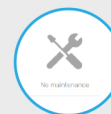
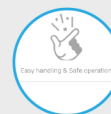
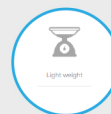
Military & security



Outdoor adventure

PRODUCT SPECIFICATIONS

- Outputs: 2 x 5V USB ports / 2 x 12V cigar sockets
- Dimensions: 19 x 27 x 27cm
- Weight: 3.7kg + 50g/pack
- Nominal output power: 30W
- Running time: 1 Powder Pack + water = 1h of power
- Operating temperature: 0-45°C



HOW IT WORKS



REKHY® uses a compact fuel cell to provide electrical power to your devices.

The internal fuel cell combines Hydrogen and Oxygen to provide useful electricity + H₂O. Hydrogen is produced by a chemical reaction whereas Oxygen is withdrawn from ambient air. Hydrogen comes from water and small packs of powder. 1 powder bag delivers 30W for 1 hour.



Reactor



Powder Pack



Generator

