



BackPacker – Solar Powered Water Purification

This is a travel-friendly version of our solar powered water purification system. The BackPacker weighs 11.5 kg and is equipped with comfortable shoulder and padded hip supports so that it can be carried comfortably over long distances

The system is powered by a built-in high-capacity Li-ion battery, which is charged by a foldable, resistant, and lightweight solar module. The BackPacker is equipped with electrical outputs for 12 V DC and 5 V DC that provide clean reliable electrical power for all needs, e.g. electrical light, charging mobile phones, laptops, radios, and more.

A user-friendly, lightweight and robust portable solar powered water purification system

The water purification unit cleans water using proven UV disinfection technology without any chemicals. It eliminates bacteria, viruses and protozoa and provides clean, safe water that meets the World Health Organization and Health Department's standards for potable water.

The system is very easy to use with virtually no installation required.

Technical Specification

Solar Power	70 W
Battery Capacity	7 Ah
Electrical Output	12 V / 7.5 A
Water Cleaning Capacity	Nominal 300 liters per hour *
Current	Nominal 5 Amp (max 8 A)
Dimensions	600 x 390 x 210 mm
Weight	11.5 kg
Recommended max. water input temperature	40 °C
Security and Safety	Auto shut-off in case of lamp malfunction

**Depending on actual operating condition such as type of filter, lift head etc.*

Maintenance

UV Lamp	Replace once a year
Filter	Replace or clean when needed



BackPacker
Water purification for use anywhere

Safe water – Anytime – Anywhere