



DRINKING WATER

anywhere, anytime



10 % of our profit goes to Water Heroes

By using our solutions, you give vulnerable communities the chance to access a steady source of drinking water using BOSAQ technologies.



Contact Us



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The world's most compact and user-friendly off-grid drinking water purification system

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Decentralized drinking water purification system

Providing reliable access to high quality drinking water via a scalable and future-proof decentralized solution.

The **SolarAQ II** is a containerized drinking water purification system able to purify all types of water into drinking water quality by means of renewable energy.

Flow rate	0.5 - 10 m ³ /h
Drinking water production capacity*	2.5 - 80 m ³ /d
Installed PV solar power	5 kWp
Battery capacity	1 day
Energy consumption	1 - 3 kW
Population served	125 - 4000

*considering 20 L p.p./day

The SolarAQ II

The SolarAQ II uses a modular multi-barrier purification process based on membrane technology with the following features:

- Full off-grid solution** operating entirely by itself, which can be controlled remotely
- Reliable production of high quality drinking water** up to the EU standards including remote quality monitoring
- No chemical-handling & minimal maintenance** to serve remote places and/or communities without technically skilled people
- Plug & play all-in-one solution** including everything from source up to distribution
- Lowest footprint & easy transport** accounting for half the size and cost of regular containerized solutions
- Environmentally friendly unit** with robust components that have a minimal impact on local surroundings

Our technology meets your needs

We support governments reach 100% drinking water coverage and meet the **SDGs**. The specific design of the **SolarAQ II** makes it the most compact off-grid drinking water supply that can be efficiently applied for both community scale projects and disaster-relief.

- Your communities will always have a guaranteed access to drinking water of the highest quality without the need for an additional energy source
- Operation and quality are followed up remotely via the cloud allowing us to predict future maintenance on your devices
- Easy transport and deployment allows fast response to emergency situations
- Maintenance and operation are performed via local partners

