



# SOLARAQ I

THE MOST USER-FRIENDLY  
OFF-GRID WATER PURIFICATION  
DEVICE IN THE WORLD

**DRINKING WATER  
ANYWHERE, ANYTIME**

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BOSQA's new patented design SolarAQ I gives you a comfortable reliable drinking water supply, anywhere, anytime. The installation is a 100% off-grid water purification system that transforms any type of water ( salt, fresh, brakish...) to a 100% purified drinking water in the most user-friendly way.

- 💧 Water is available and looks clean, but is it safe to drink?
- 💧 Is your water purification device reliable and is the water coming out 100% purified?
- 💧 Do you need to remove salts from sea water or only impurities from fresh water?
- 💧 How easy-to-use is your water purification device?
- 💧 Do you have enough energy to foresee a reliable water supply?
- 💧 Do you need to purify water in different places?

## OUR SOLUTION



OFF-GRID SOLUTION  
(SOLAR, WIND, HYDRO)



REDUCE IMPACT  
ON THE ENVIRONMENT



STEADY SELF-SUSTAINABLE  
WATER SUPPLY

SOLARAQ I



REMOTE  
MONITORING



PLUG & PLAY



LOW IN MAINTENANCE,  
USER-FRIENDLY

THE SOLARAQ I WILL SOLVE YOUR DRINKING WATER AVAILABILITY CHALLENGES ANYWHERE, ANYTIME.



## FEATURES

- ◆ Drinking water production
- ◆ Modular system for salt, brackish and fresh water sources
- ◆ 30-350 L/H, depending on the water source
- ◆ Designed for mobility and easy cargo transport
- ◆ RO & UF Technology
- ◆ 100% purified water
- ◆ Powered by Solar panels and energy storage via batteries
- ◆ Remote monitoring optional

## TECHNOLOGY

### WATER SOURCES

The SolarAQ is able to convert virtually any water source into sustainable drinking water:



Sea Water Desalination  
30-50 l/h



River Water Purification  
30-350 l/h



Lake Water Purification  
30-50 l/h



Rain Water Harvesting & Purification  
30-350 l/h

### RENEWABLE ENERGY



The SolarAQ water purification system is powered by solar, wind, hydropower or any other type of renewable energy source, depending on the location where the system will be installed.

### PURIFICATION PROCESS

#### 1 PREFILTRATION

Pre-filtration: Solid particles are removed by letting the water pass through a specifically designed pre-filtration unit meeting influent standards.

#### 2

#### REVERSE OSMOSIS, UF & NF

We mainly use RO because it's the best available technology to remove parasites like the E. Coli Bacteria, Cryptosporidium and Giardia, heavy metals like copper, lead, chrome, mercury, cadmium, barium, chemicals like nitrates, pesticides, fluoride or selenium.

#### 3

#### MINERAL FILTER

We add minerals to flavor the water, making it ready for you to drink. Upon clients' request, the taste of our water can be tailored.

Water that saves the world is our motto, that is why we give local vulnerable communities access to a steady source of drinking water, using our technologies. This makes sure we help people in need and make our technology available for those who need it most.



**10% OF BOSAQ'S PROFITS  
GO TO WATER HEROES!**

**#BEAWATERHERO**

[www.beawaterhero.org](http://www.beawaterhero.org)

**WANT MORE INFORMATION?  
GET IN TOUCH WITH ONE OF OUR BOSAQ-EXPERTS.**

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PARTNERS & SUPPORTERS

