



GLOBAL SUSTAINABLE UTILITY SOLUTIONS COMPANY

GLOBAL SUSTAINABLE WATER UTILITY SOLUTIONS

The OKEANOS range of atmospheric water generators (AWG) machines are designed to be easily deployed in any location. All of our AWG machines use a high efficiency water production system that automatically optimises to the atmospheric conditions. Low power consumption of only 210-250 W/L make our machines the leader in their class.

We offer AWG machine solutions with capacities from 500 to 2000 liters per day, and can scale this to any magnitude.

All of our AWG machines include support for Okeanos cloud system control which allows multiple AWG machines to be managed remotely at the same time or individually.



This allows our solutions to be scaled up to build larger production water systems to fulfil higher demands for larger communities and industrial use.

We offer integration with external billing and control systems using our application programming interface (API). We also utilize data sources such as local weather and water consumption data for forecasting production.

BENEFITS & FEATURES

EFFICIENT

Wide atmospheric operating range with highly-efficient class leading water production yield.

SAFE

Water produced is certified safe in all territories.

SCALABLE

Generator Models from 1000L per day up to 20,000L per day. AWG machines can be interconnected for endless connection.

RELIABLE

Designed for flexible deployment, modules are available for solar, wind, eco-generator or power grid energy for continuous use.

AFFORDABLE

Due to efficient operation and yield of the generator, the price per unit is much lower than competitors.

PORTABLE

The OWG 50 model is lightweight, with a small footprint making it easy to deploy in any location or to combine.

FLEXIBLE

Designed for flexible deployment, modules are capable to be paired with a variety of power options or multiple unit combinations.

OKEANOS SMART WATER SOLUTIONS

At Okeanos, we are focused on delivering complete, managed and efficient water solutions, not just generators.

We work with our customers and partners to understand the requirements to ensure we deliver the right solution.

WATER YIELD ASSESSMENT

We start by assessing the monthly requirement for the project. Then using our weather databases we assess the potential of the locations for water generation. Our assessment will give a detailed projection of the potential yield for the sites over a 12 month period.

FLEXIBLE POWER SOLUTIONS

We assess the power strategy for the project and the available electrical supply options.

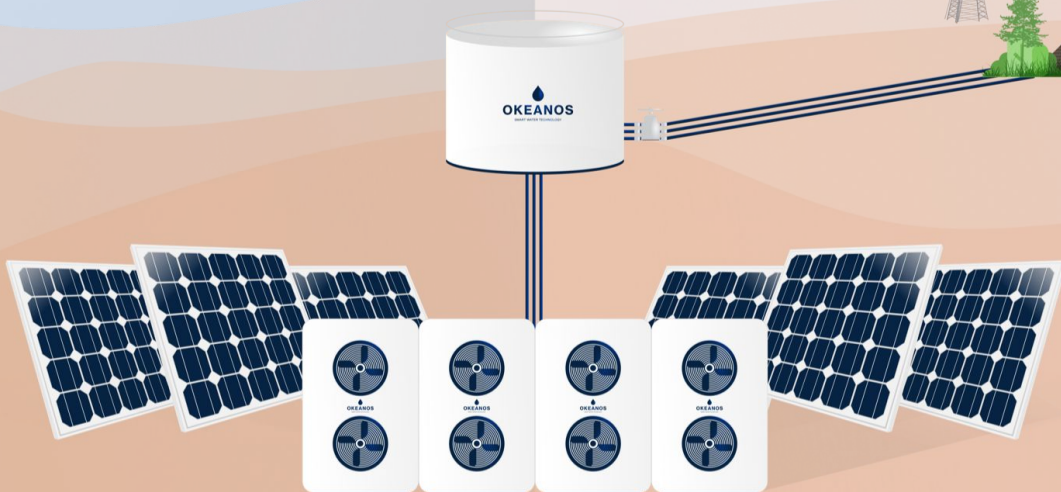
Solar or wind solutions can be supplied in combination with grid power where available. Our solutions can be optimised to manage the power to use the most cost-effective supply source.



PRODUCTION CAPACITY & STORAGE

Based on our assessment and the number of litres of water per month required, we will determine capacity and the number of water generators and storage tanks required. In low-temperature / high-humidity regions we can configure machines optimised to work at lower temperatures.

Determining the correct water storage capacity enables us to store water when the yield is high to even out the capacity over a 12-month period.



OKEANOS SMART WATER SOLUTIONS

Our range of AWG machines can be used stand alone or as part of a water production system. Our smallest machine the OWG 05 can produce enough water for a households requirements the OWG 10 can serve a small apartment block and the OWG 20 can produce enough for a small community. When combined into a water system, we can build water systems that scale up to serve industrial requirements or larger communities.



CONFIGURATION	OWG 5	OWG 10	OWG 20
PRODUCTION CAPACITY	up to 500 l/day	up to 1.000 l/day	up to 2.000 l/day
INPUT POWER	4.3 kW	8.7 kW	17.5 kW
SUPPLY POWER	240 V / 50 Hz, single-phase voltage	380V 50Hz, three-phase voltage	380V 50Hz, three-phase voltage
WORKING CONDITIONS	Temp: 15-38°C RH 35-95%	Temp: 15-38°C RH 35-95%	Temp: 15-38°C RH 35-95%
FILTERS	G3 Non-woven Filter + PPF + GAC (pre-carbon) + PPF + RO + LED UV	G3 Non-woven Filter + PPF + GAC (pre-carbon) + PPF + RO + LED UV	G3 Non-woven Filter + PPF + GAC (pre-carbon) + PPF + RO + LED UV
NET WEIGHT	790 kg	1000 kg	2000 kg
MACHINE SIZE (L x W x H)	1000 x 1582 x 1113 mm	1579 x 1582 x 2027 mm	3132 x 1582 x 2027 mm