

TEXEP Aquaviva

Solar powered water station

The worldwide burning of oil, gas and coal for energy production causes an immeasurable climate problem. Although inexhaustible energy resources such as the sun are available, freshwater production from seawater is mainly done by burning fossil fuels, which causes high CO₂ emissions and, as a result of rising costs, drives up water prices. The TEXEP Aquaviva water station, powered entirely by solar energy, makes it possible to produce electricity and freshwater in a sustainable, climate-neutral and cost-effective way. The self-sufficient and elegant TEXEP Aquaviva water station combines the latest technologies from the fields of solar energy and water desalination to produce electricity and drinking water every day throughout the year.

TYPE: AQP-WD1000



INSIDE VIEW

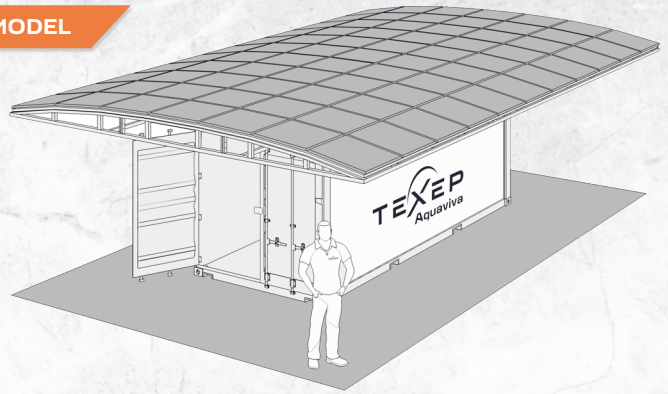


- 100% renewable and solar powered
- All-in-one solution: pure water + electricity + storage
- Water desalination without any chemical products
- Decentralized, autonomous and monitored system
- Fast dilution of salt in the sea thanks to low salt quantities
- Fast and easy installation
- Modular and scalable
- Ideal for all coastal regions and Islands

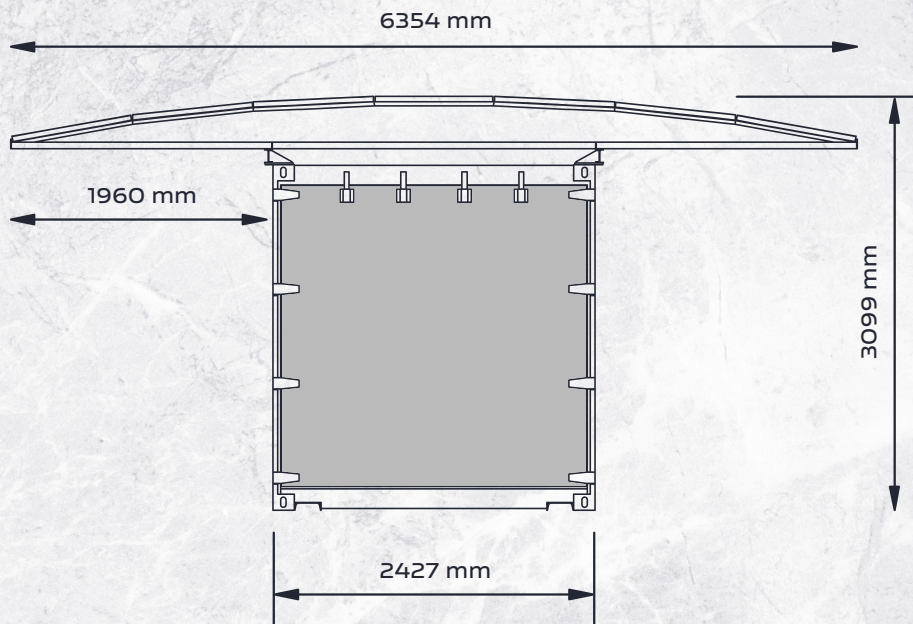
General characteristics AQV-WD11000 to WD110000

Freshwater production	11'000 - 110'000 l/day
Seawater intake	33'000 - 330'000 l/day
Water storage capacity	1'000 l
Energy storage capacity	Up to 45 kWh
Power photovoltaic roof	19 or 29 kWp
Overall dimensions (l / w / h)	10.3 or 16.8 m x 6.4 m x 3.1 m
Ground dimensions (l / w)	6.1 or 12.2 m x 2.5 m
Surface on ground	15 or 30 m ²
Solar panel type	TEXEP X-Curve or equal

3D MODEL



TEXEP Aquaviva water station AQV-WD11000 with curved solar roof



CUSTOMIZABLE DESIGN

