

# SAWER

SOLAR AIR WATER EARTH RESOURCE



## ADVANTAGES

- Generates drinking water all around the world (from desert to tropical climate conditions)
- SAWER water generator has been designed for the autonomous extraction of water from air in extremely dry desert conditions, where standard water generators fail
- Smaller modules need 1 day installation, larger modules need on site assembly
- SAWER needs no infrastructure, everything is packed in the containers, even photovoltaics which power the system. SAWER could be also connected to the electricity grid to double the water generation
- Water generation capacity of smaller units in desert conditions from 280 l/day (as an autonomous system powered by photovoltaics) to 590 l/day when connected to electricity grid
- Water generation capacity in humid coastal areas from 560 l/day (as an autonomous system powered by photovoltaics) to 1000 l/day when connected to electricity grid
- Water generation of the larger system with on site installation up to 6500 l/day per unit. More units can be installed on one site

**Winner of World EXPO 2020 UAE Innovates Award 2022 for best innovation at the EXPO 2020 Dubai**



designed for extremely dry desert air



powered by renewable energy source (photovoltaics)



fully autonomous, no infrastructure needed



easy 1 day installation

## Contact

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### Specifications

Integrated water tank	300 l
Dimensions (L x W x H)	2x 20 ft standard shipping container
Weight	6000 kg
Air filtration	G4 air filter
Water treatment system	Activated carbon filtration, mineralization and UV lamp microbiological treatment
Power consumption	up to 20 kW
Nominal Operation Voltage	3 Phase, 230/400Vac, 50Hz

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