

# SEA AND BRACKISH WATER SOLAR DESALINATION FOR DOMESTIC USES

## osm<sup>o</sup>sun

**produces 1 000 to 1 500L per day of drinking water from a sea or brackish water source using solar energy in a completely autonomous mode to meet your daily vital uses**



### AUTONOMY

100% solar operation, automatic remote-control process, without batteries



### ECONOMICAL

Low operating costs, energy recovery device



### COMPACT & EASY TO OPERATE

Automatic flushing, minimal maintenance, integrated on mobile frame or skid

The company specializes in innovative water treatment solutions with the use of renewable energy.

The first stage of the development resulted in the industrialization of the world first solar desalination system from brackish and seawater sources, with a daily capacity from 1 to 600 m<sup>3</sup> per day in off grid mode and up to 5 000 m<sup>3</sup> per day if connected to hybrid energy sources.

For more than six years, this groundbreaking patented innovation enables communities, public utilities and private organizations from the whole world to produce affordable and sustainable fresh water with no greenhouse gas emission.

By



MAIN FEATURES

Desalination unit

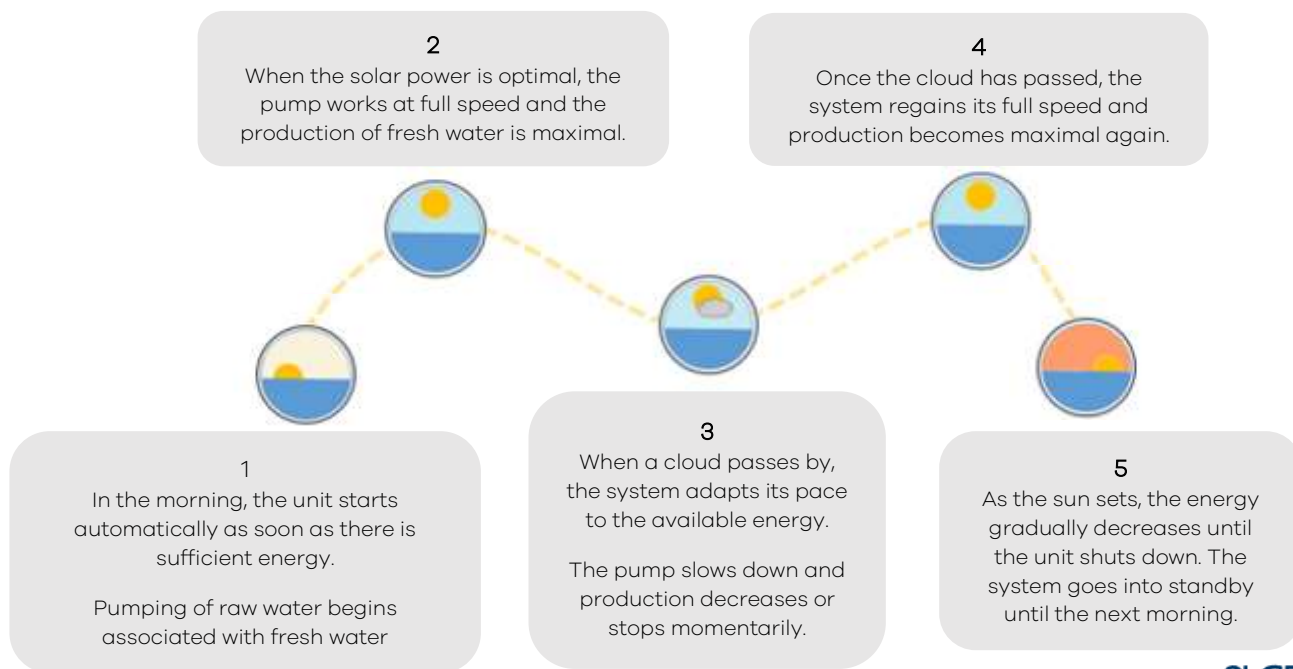
OSMOSUN® unit dimensions	850 x 915 x 420 mm
Dry weight	80 kg
Equipment voltage supply	24V DC *
Total installed power	0.65 kW
Raw water feed	Sea Water : 1 m <sup>3</sup> / h Brackish Water : 0,3 m <sup>3</sup> / h
Fresh water produced	Sea Water : 0,09 à 0.12 m <sup>3</sup> / h Brackish Water : 0,2 m <sup>3</sup> / h

Units may be connected to an alternative power source to up to triple the production: hybridization 220V single-phase optional

Solar Generator

Number of photovoltaic modules required	4 panels
Solar generator dimensions	4000 x 1500 x 1200 mm
Solar generator's weight (modules + support)	≈ 90 kg

OPERATION



Product developed in partnership with



CONTACT



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