

# **Autonomous Water Treatment Plant**

Water treatment plant for areas without electricity or in emergency

The autonomous water treatment plants designed by DimWater Engineering produce drinking water for human consumption, agriculture and farming sector, etc... **This device is designed specifically for areas that do not have any kind supply energy .**

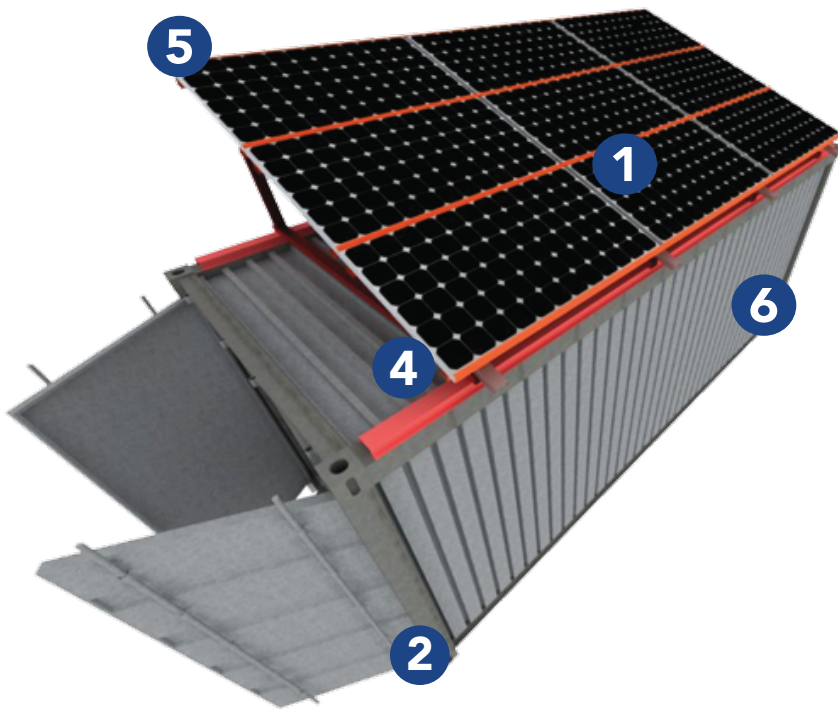


## Benefits

- **Not dependent on any input of energy.**
- Filtering all types of water.
- **Easily transportable and easy to assemble.**
- Intelligent management of the energy produced and consumed by the equipment.
- Is not required specialized personnel
- **Autonomous chlorination of drinking water.**
- **High performance photovoltaic modules for energy production.**

**This device uses membranes of ultrafiltration to remove viruses and bacteria that have the water.**

## Technical Characteristics



### Components

1. Energy supply is compatible with:
  - Renewable energy (solar, wind ...)
  - External electricity generator
2. Container
3. Steel structure
4. Tank for drinking water
5. Area deposits inflatable storage
6. Air circulation



Interior views of the plant

## Applications

- Filtration of water for daily use.
- Primary sector.
- Agriculture and farming sector.
- Situations Emergency.
- ONG.
- Army.