

Wave-Powered Desalination System

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How it works:

- 1. Waves cause wheel turbine to spin.
- 2. Rotating turbine makes pumps to pump.
- 3. Pumps drive reverse osmosis process, producing clean water.

Advantages:

- 1. Flexibility in varied wave conditions.
- 2. Produce good water quality.
- 3. Ship in standard container.
- 4. Easy and quick to deploy.
- 5. Good for disaster relief.
- 6. Sustainable, no harm to environment.
- 7. Can be scaled up and mass-produced.
- 8. Also work for ocean current, tidal current, and river stream energy.

About Dr. Huang

- 1. University Researcher.
- 2. Industrial Consultant.
- 3. Inventor and Entrepreneur.

