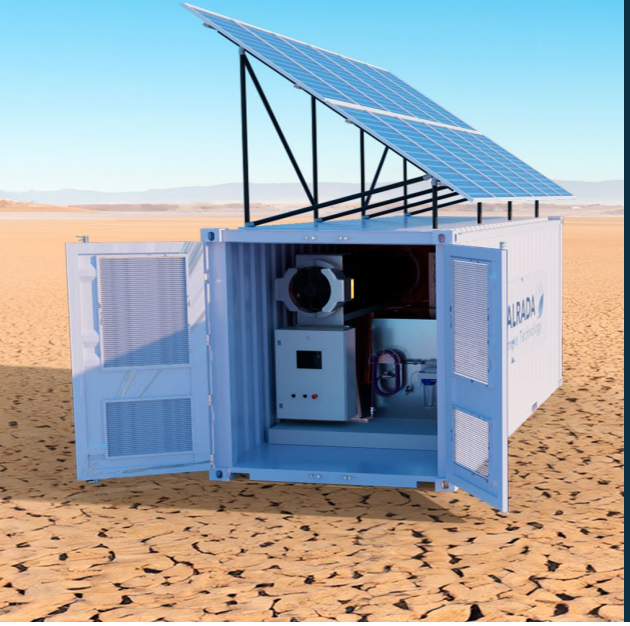


Dalrada
TECHNOLOGY GROUP

Water for life. Water for the future.

AtmoPura:
The Ultimate Solution for Water Scarcity.

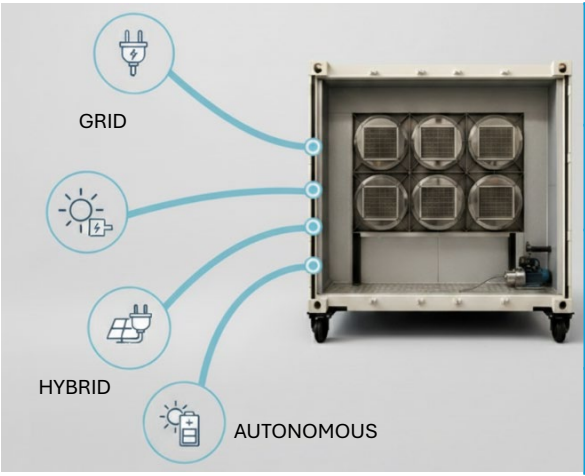
EXECUTIVE OVERVIEW

AtmoPura is Dalrada's advanced atmospheric water generation (AWG) platform, engineered to deliver pure, safe, and sustainable drinking water anywhere in the world.
Combining energy efficiency, modular scalability, and proven purification standards, AtmoPura enables true water independence for communities, industries, and governments.

Core Technology

- ✓ **Atmospheric Extraction:** Condenses moisture from ambient air using high-efficiency thermal systems.
- ✓ **Advanced Purification:** Multi-stage treatment—filtration, mineralization, UV-C disinfection—validated by CNRS and Institut Pasteur.
- ✓ **Smart Control:** Remote monitoring, AI-based diagnostics, and satellite connectivity for real-time performance oversight.

Three Configurable Models



Model	Energy Source	Key Features
GRID	Conventional power	Plug-and-play system; 15,000–50,000 L/day output; COP > 6; minimal energy use (≈50 W/L).
HYBRID	Solar + grid	208 kWp PV array; automatic grid switch; no battery required; optimized for tropical climates.
AUTONOMOUS	100% solar + battery	24/7 off-grid operation; complete energy and water independence for critical sites.

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Proven Quality

- ✓ Exceeds WHO / EU / EPA standards
- ✓ Removes > 98% of PFAS & pesticides; inactivates 99.99% of pathogens
- ✓ Heavy metals = below detection limits
- ✓ Certifications: ISO 46001 | 5667 | 10523

Applications

Humanitarian & Emergency Relief
Refugee camps, disaster zones

Critical Infrastructure
Hospitals, schools, data centers, hotels

Industrial & Agricultural
Mining, textiles, precision agriculture

Remote / Military / Island Deployments
Self-sufficient water supply anywhere

Our Value Proposition

Dalrada delivers a complete end-to-end solution:

Simulation & Design tailored to site and climate

Ongoing Support & Warranty (up to 10 years)

Global Logistics and commissioning

Sustainable ROI via decentralized, low-cost water generation

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