



BeamWell™

The BeamWell™ off-grid solar-powered water desalination and delivery system uses renewable energy to provide access to clean water, electricity and e-mobility for remote locations and disaster zones. The rapidly deployed, self-contained and transportable solution turns salt water into life-sustaining fresh water and can be relocated as water challenges fluctuate.

Fresh Water Where It's Needed Most

Ideal for locations where only salt, brackish or dirty water is available and a reliable clean water supply is scarce or interrupted, the BeamWell™ system is transportable and deploys in minutes with no construction, no electrical work and no supporting infrastructure.

Powered by 100% renewable energy, the self-sufficient system turns seawater into vital fresh water and is equipped with four emopeds for efficient and rapid transport to environments where people are most in need.



Clean Water, Electricity and eMobility in Crisis Zones



Off-Grid Solar
Desalination



Clean, Renewable
Electricity



Delivery eMopeds
Included



Rapid
Deployment

Accessible Life-Sustaining Resources for All



Life-Sustaining



Clean Drinking Water



Self-Contained

Renewable Energy Meets Life-Sustainability

Each BeamWell™ system generates its own clean electricity which is stored in integrated batteries with 40 kWh of storage. Desalinated, potable water is stored in a 3000-liter water tank. The off-grid power is resilient in blackouts and is used to run the water processing system, charge the emopeds and provide a vital source of electricity.

BeamWell™ Specifications

Performance

Charge Capacity	3000-liter water tank; 4 emopeds
Charger Type	120 V outlets
Solar Array	4.4 kW
Battery Storage Options	40 kWh
Certified Wind Load ¹	160 mph
Operating Temperature	-20° C to 50° C

Major Component Ratings

Battery: UL 1973
Solar Panels: UL 1703
Inverter: UL 1741-2010/2018, IEEE1547a-2003/2014, FCC 15 class B, UL 1741SA, CA Rule 21, HECO Rule 14H

Mechanical

Array Dimensions	20.7 L x 10.7 W ft
Max Height	15.3 ft
Min Clearance	9 ft
Base-Pad Footprint	18 L x 7.5 W ft
Weight ²	10,000 to 15,000 lbs
Standard Shipping Methods	ARC Mobility™ Trailer/ Truck & Trailer / Shipping Container
EV ARC™ Stowed Ship Size ³	18 L x 7.5 W x 7.6 H ft

¹ Wind rating is for EV ARC™ Base Model energy infrastructure equipment.

² Exact weight varies based on EV ARC™ model and options.

³ Enables domestic and international shipping on a standard flatbed trailer or shipping container

S U R V I V E O N S U N S H I N E

