

AQUIFER 200 POWERPACK SOLAR WATERMAKER - Lightweight & portable

PRODUCT CHARACTERISTICS

Production / Day	200 gal (757 l)
Production / Hour	8.3 gal (31 l)
Power Requirement	12v DC 10A/24v DC 5A 14.5 Watts/1 gal (4 Watts/1 liter)
Solar Panel	138W
Battery	31.6 Amp Hours
Feed Water Parameters	Fresh, brackish or seawater
Weight	135 lbs (62 kg)
Dimensions	31"x20.5"x15.5" (79cm x 52cm x 40 cm)
Pre Filters	2.5"x10" pleated polyester 5 micron
Controls	Analog controls
Membranes	20" x 2.5" High rejection spiral wound polyamide
Pump and Motor	Shurflo diaphragm pump
Salt Rejection	99.4%
Temperature Range	Max 110F (37C) Min 36F (2C)
Baseline Conditions	33,000 PPM feed water at 77F (25C)
pH Range	3-11 (typical seawater pH is 8)
Chlorine Tolerance	0 PPM
Warranty	Spectra standard warranty
Shipping Weight	145 lbs (62 kg)
Shipping Dimensions	33"x25"x19" (84cm x 64cm x 49cm)



FACTS

The Aquifer watermakers offer an easy-to-use, lightweight, and portable way to purify water from virtually any water source. The Aquifer systems are built into rugged, military grade molded plastic cases that are engineered to survive the outdoor environment. The watermakers in the Aquifer 200 PPS can provide 8 gallons/hour of purified water from salty, brackish, or fresh water.

The Aquifer series is ideal for emergencies, disaster relief, expeditions, military, and recreation. These units are built using Spectra's revolutionary and proprietary Clark Pump, a high pressure intensifier that makes the watermaker so energy efficient that they are easily powered by solar panels. The Aquifer Powerpack Solar is available in 12v/24v DC, 100-260v AC, 50/60 Hz. The Power Pack Solar adds folding solar panels will allow for complete off-grid operation. All Aquifers come with a product flow meter, pressure gauge and a hand-held salinity monitor.

FEATURES

- Simple analog controls and gauges, no electronics.
- Super efficient requiring as little as 110 watts to purify seawater, perfect for solar and wind power.
- Heavy duty, military grade, shock and impact resistant plastic roller case.
- Composite construction for superb corrosion resistance.
- Commercial grade diaphragm pumps with run-dry protection.
- Ships complete with everything you need to make pure water.
- Fixed system recovery for easy operation and long service life.
- Spectra's world renowned customer service and support, with real technicians available by Skype, phone and email.

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INCLUDED

- One complete turnkey system with manual controls
- All hoses and camlock/quick connect fittings within system factory installed
- Storage and service hoses
- Battery and charger
- Solar Panel and charge controller
- Operation manual

OPTIONAL

- Storage and cleaning chemicals: part # KIT-CHEM-SC2 and KIT-CHEM-SC3
- Stainless steel filter wrench
- Filter monitor (pressure differential)

AQUIFER SYSTEMS	Water Production				Voltages Available				Power System			Weight			
	Gallons/Day	Gallons /Hour	Liters / Day	Liters/ Hour	Watts	12v DC	24v DC	110-240V AC	Solar Charger	AC Charger	Battery	Weight lbs	Weight kgs	Shipping Weight lbs	Shipping Weight kgs
AF-200-DC	200	8.3	757	31	120	✓						75	34	85	38.5
AF-360-DC	360	15	1350	56	240	✓						96	44	110	50
AF-200-EX-24	200	8.3	757	31	120		✓					75	34	85	38.5
AF-200-PPS	200	8.3	757	31	120	✓	✓	✓	✓	✓	✓	135	62	145	66

Katadyn reserves the right to modify products

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