

Aldelano Solar WaterMaker™ Specifications & Features

Production Capacity:

Models range from 30 to 1000 gallons (113 – 3,785 L) per day*

*In ideal conditions of 80°F (26.7°C) and 80% relative humidity

Operating Conditions:

Temperature: 60° - 120° F (15.5° – 49°C)

Relative Humidity: 60% - 100%

*please note that water production is greater in higher temperatures and humidity

Model	Dimensions (L x W x H)	PowerPak Dimensions (L x W x H)	Weight
30gal (113L)	6.5ft x 4.3ft x 4.8ft (2.0m x 1.3m x 1.5m)	5.7ft x 4.5ft x 5.3ft (1.6m x 1.4m x 1.6m)	5,900 lbs (2676 kg)
50gal (189L)	6.5ft x 4.3ft x 4.8ft (2.0m x 1.3m x 1.5m)	5.7ft x 4.5ft x 5.3ft (1.6m x 1.4m x 1.6m)	5,900 lbs (2676 kg)
80gal (302L)	7.5ft x 3.75ft x 5.3ft (2.3m x 1.4m x 1.6m)	5.7ft x 4.5ft x 5.3ft (1.6m x 1.4m x 1.6m)	9,100 lbs (4,128kg)
125gal (473L)	8.9ft x 4ft x 6.5ft (2.7m x 1.2m x 2.0m)	5.7ft x 8.0ft x 5.3ft (1.6m x 2.7m x 1.6m)	37,000 lbs (17,782kg)
500gal (1893L)	40.0ft x 8.0ft x 9.5ft (6.1m x 2.4m x 2.6m)	(2) 20.0ft x 8.0ft x 8.5ft containers (2) (6.1m x 2.4m x 2.6m)	68,000 lbs (30,844kg)
1000gal (3785L)	40.0ft x 8.0ft x 9.5ft (6.1m x 2.4m x 2.6m)	(3) 20.0ft x 8.0ft x 8.5ft containers (3) (6.1m x 2.4m x 2.6m)	112,500 lbs (51,029kg)

**Dimensions are approximate and do not include solar panels or optional add-ons



Power Supply:

Off-grid/Solar Powered with Battery Storage and optional Backup Generator (gasoline and diesel options available)

- Power supply designed for 24 hr use through solar and battery storage - every unit customized to the amount of sunlight in the region
- In the event there is not enough solar energy, the **Aldelano SmartLogic System™** automatically switches to an alternative energy source (generator or grid power) when batteries reach pre-set discharge levels and automatically reverts when batteries are fully charged
- Maintenance-free AGM batteries suitable for deep cycle applications
- Up to 15-hour available battery time
- The **Aldelano SmartStart Generator™** simultaneously runs the equipment and charges the batteries - reducing the need for the generator
- Option to grid-tie if desired
- Energy efficient (240-volt, single phase)
- 50 hz and 60 hz models available

Features:

- **Aldelano SmartControl™** - Remote Control & Monitoring from your phone or computer
- 8-stage filtration/purification system
 - Ozonator and UV lights sterilize water by killing viruses and bacteria
 - Sediment filters remove dirt, sand and rust
 - Carbon filters remove odors and help ensure great taste
- Re-mineralization filter adds natural calcium and magnesium minerals to the water
- Convenient water dispenser for cups and bottles
- Fast-fill spigot for buckets
- Pair with **Aldelano Solar IceMaker™** for up to 2,300 lbs. of ice daily
- Convenient shut-off valve to control when water goes to IceMaker
- Use as an independent power supply for both 110v and 220v items
- Ships fully assembled
- Built-in air filters protect components from the elements including sand and dust
- Easy to set up and operate
- Robust, durable and long lasting
- Quality made in the USA

Options:

Aldelano Solar IceMaker™

- Paired with the **Aldelano Solar IceMaker™**, can produce from 120 to 2,300 lbs. of ice daily (55 – 1,043 kg) depending on the model selected

Customized Aldelano SmartStart Generator™

- Gasoline and diesel options available
- Comes with 15-gallon (57L) fuel tank or upgrade to 55 (208L) gallon tank

