

**Category or Type Name:** SOURCE in public parks

**Site Name:** MASDAR Park

**Location:** Abu Dhabi, United Arab Emirates (UAE)

**Climate Type:** Tropical Desert

**Array Size:** 4 panels



### **Use Case:**

In UAE, similar to the other countries in the Middle East and North Africa (MENA) region, municipal tap water is not suitable for drinking. Residents rely on bottled water and water jugs for their daily drinking needs. Due to the increasing population and demand, the bottled water industry has significantly grown.

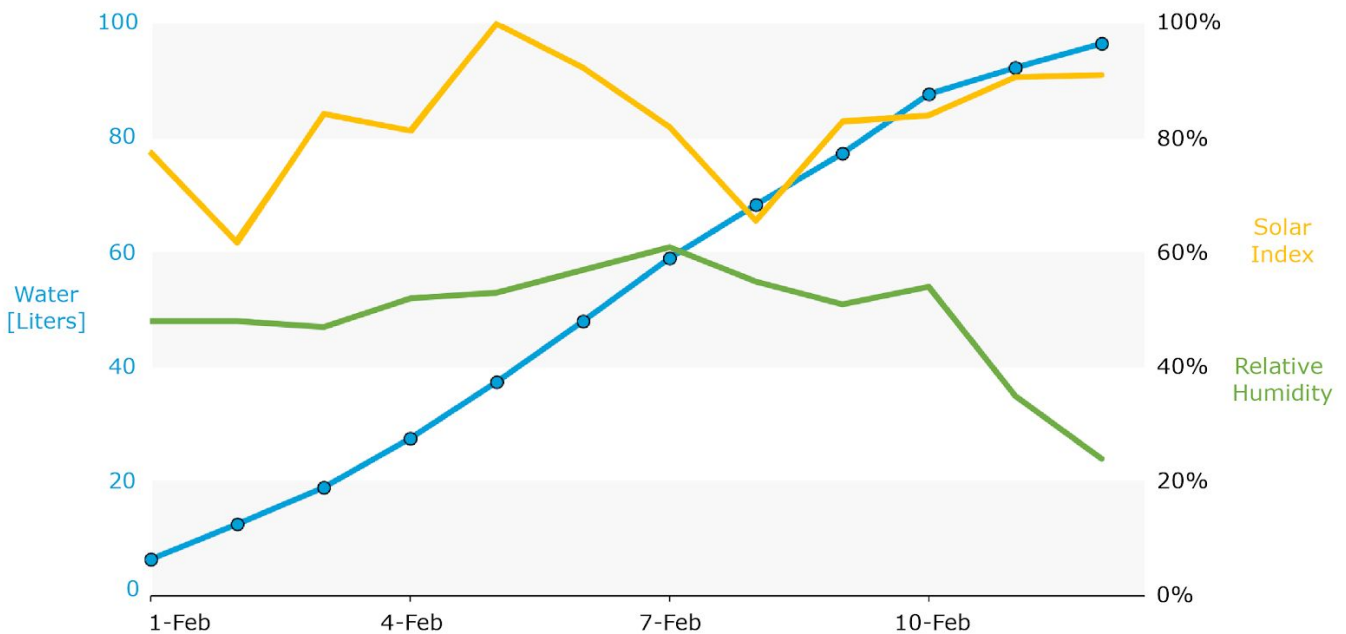
MASDAR city is a community built to be “zero-carbon” to support a more sustainable lifestyle. Water from plastic bottles brings with it a variety of challenges for a “zero-carbon” community, including the constant coordination of purchasing, transporting and distributing bottles, the excessive plastic waste, and a significant household expense. SOURCE Hydropanels™ offer a drinking water solution in UAE that delivers the highest quality water, with no plastic or emissions, and at a more affordable price.

SOURCE was installed at the public park to demonstrate how perfected water can be enjoyed by public visitors, employees, and workers at the site.

It also enables the sustainability goals of MASDAR city to extend to drinking water.

### SOURCE at MASDAR park

A four-panel array was installed at MASDAR Park in Abu Dhabi, UAE. These panels are connected to a stand-alone dispenser where employees, park visitors, and workers can go and dispense perfected water for drinking. The dispenser is positioned at the park entrance. See chart below for cumulative water production (in liters, blue) and daily sunshine (yellow) and relative humidity (green) to understand how this array performs.



### Field Data at MASDAR park

Average RH: 48.75%

People Served: 10-30 daily