



# Water lily mini turbine

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Waterlily was conceived and produced in Canada by Seaformatics Systems Inc. Researchers have been studying subsea power collection devices for the past 10 years now and have developed water lily products. Water lily is a green energy turbine that allows users to harvest clean, sustainable energy from their natural surroundings with zero impact on the local environment. On average, Waterlily users harvest enough energy to displace 1 million AA batteries every 2 days, and 180 million AA batteries each year. Waterlily is a small water and wind turbine that delivers off-grid electricity to individuals in need.

Waterlily products aid hikers and travellers to get energy anywhere. Some of the waterlily's customers say that the product size and durability of the product has made them fond of the brand. More individuals than ever are storing emergency preparation kits to safeguard themselves and their families from possible dangers in a world after the Russian- Ukraine where natural catastrophes and political upheaval are common.

For the past few years, the governments of Canada and the United States have placed a strong emphasis on emergency preparedness, but recent surveys from Canada and the US Census Bureau show that only a small percentage of the population is adequately prepared in the event of a long-term emergency and waterlily products assist people to deal with any kind of energy crisis. Waterlily's products vary from solar panels, wind power to hand crank equipping a person to deal with any kind of catastrophe.

In today's time when our daily lifestyle is heavily dependent on energy waterlily as a company can really help us to become independent energy consumers. Start-ups like waterlily have changed the lens that a consumer uses to look at on energy sector. We as a market need to make our choices more sustainable and any company like waterlily can help us make our future better, we just need to choose sustainability over easy availability.

The Waterlily is a dual functioning device that uses either wind or water power to recharge your smartphone or GoPro—so you don't have to stop what you're doing in the backcountry. It's perfect for campers, hikers, paddlers, bicyclers, and anyone living off the grid. This handheld device is designed to be placed in moving water or exposed to gusts of wind, aided by its structural durability.

The product was developed by Canadian startup Seaformatics, which is comprised of four engineers whose collective goal is to save energy by harvesting ocean power. They developed the Waterlily Micro Turbine from their larger Sealily model as a personal option for eco-conscious, on-the-go lovers of the outdoors. The technology was cultivated as part of a research project out of Memorial University.

The turbine measures seven inches in diameter and three inches in width, easily fitting into, or onto, any backpack, with the unique capacity to be mounted to a bicycle, canoe, or kayak. The Waterlily connects to any USB-compatible device via a standard 12-foot cable.



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The turbine requires a minimum water speed of 0.7 miles per hour to operate while effectively harnessing energy up to 6.8 mph, making for equal use in trickling streams or rushing rivers. It requires a minimum wind speed of 6.7 mph and can continue to function in gusts up to 55 mph. The peak water speed is 4.5 mph and the peak wind speed identified as 45 mph, either of which provide for a full device charge in just a couple of hours.

There is no limited immersion time in water and the product is resistant to ocean corrosion.

In addition, the machine boasts a hand-crank feature to serve for emergency charging when wind and water are scarce &mdash; so that you never run out of options.

The Waterlily Micro Turbine weighs just under two pounds and can be pre-ordered for \$99 on the company's website. It is set for delivery in August.

If you've been on the internet and seen a bunch of pressure washer clips and are now considering grabbing one yourself, you'll be happy to know that there is a huge range of them to pick from. That includes some great budget-oriented versions to dip your toe in and are still good for cleaning stains and cleaning up stuff. That's why we've gone out and collected some of our favorite washer deals for you below, including some of the best pressure washers for cars, which you do have to be a bit careful with not to strip the paint or clearcoat. Greenworks Pressure Washer Combo Kit -- \$110 \$220 50% off

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