



The GIGA 5V turbine | Photo source [GIGA Turbines by Windward Engineering](#)

[Innovation](#) > [Travel & Tourism](#) > [Portable wind turbine charges electronics on the go](#)

PORTABLE WIND TURBINE CHARGES ELECTRONICS ON THE GO

 TRAVEL & TOURISM

The GIGA 5V Turbine uses wind power to generate electricity so you can charge electronic devices anywhere you go

Spotted: UK-based [Windward Engineering](#) has created a portable wind turbine to charge electronic devices. Unlike portable solar panels, it can charge day or night.

The [GIGA 5V turbine](#) is waterproof and portable. It weighs one kilogram and is 325 mm across. It can start charging from 8mph of wind. At 14mph the turbine will output 5W, according to the company.

The turbine is a variation of [the marine wind turbines the company produces](#) for battery maintenance on yachts and other types of vehicles. The GIGA 5V is currently available through a [Kickstarter campaign](#) for £99.

30th April 2019

Email: sales@gigaturbines.co.uk

Website: www.gigaturbines.co.uk

Contact: www.gigaturbines.co.uk/contact-us

Takeaway:

Fossil fuels are still being consumed at alarming rates. They accounted for 80 percent of the United States' total energy use in 2018, which was a four percent increase, according to the [US Energy Information Association](#). Still, portable renewable energy generators, from solar to wind, are becoming increasingly popular, driven by [advancing technologies](#) and [continued global adoption of smartphones and other devices](#). The portable power market will be worth an estimated [\\$11 billion by 2020](#). Springwise has recently spotted other innovations tapping into the demand for portable, alternative energy sources. For instance, researchers are exploring [using eggshells to conduct energy](#). There is a separate effort in New Jersey to [generate energy using bionic mushrooms](#).