

# Micro wind turbine by nils ferber

What is a portable wind turbine?

Portable turbines are an alternative and product designer Nils Ferber has created one he says is more portable and effective than any other. The idea for the Micro Wind Turbine came about in March this year as a result of Ferber finding that his smartphone would routinely lose charge on long treks.

Could a small wind turbine be a marketable product?

According to his James Dyson Award page, he is searching for partners to develop the wind turbine into a marketable product. Designer Nils Ferber created the Micro Wind Turbine, a foldable tiny wind turbine that can charge smartphones in remote, off-grid areas.

What is a micro wind turbine?

This is why the Micro Wind Turbine proposes a novel alternative that can operate in harsh weather conditions and even at night. The design integrates all necessary components in one sleek unit and is focused on pack size, minimal weight and ease of set up. A lightweight and collapsible energy source, engineered for adventures.

How much does a Ferber micro wind turbine weigh?

To satisfy portability requirements, the Micro Wind Turbine weighs just over 2 pounds, which Ferber claims is 40 percent lighter than its closest competitor, and folds down to the size of an umbrella or trekking pole.

Can a micro wind turbine charge a smartphone?

While scaled-up renewable energy plants can generate a great deal of energy, there's a huge demand for smaller devices in off-grid, remote, or harsh locations. Designer Nils Ferber created a Micro Wind Turbine that works as well on a blustery mountaintop as it does in a backyard garden, and can charge smartphones via a USB port on the turbine.

Who invented the micro wind turbine?

Ferber completed a fully-working prototype of the Micro Wind Turbine by himself in June. Despite the Micro Wind Turbine's design not requiring injection molded components (permitting to manufacture with little investment cost), Ferber says that further development is required before production.

The Micro Wind Turbine proposes a novel alternative to existing solar panels. It can operate at night and in harsh weather conditions. It features a USB port for direct charging, an integrated battery pack for storage and is compact, light ...

Source: digitaltrends Published: October 3, 2016. By Marcus Yam . For times when a portable battery pack and solar charger won't do, the power of the wind could be the way to charge your smartphone. ;cole Cantonale d'Art Lausanne design student Nils Ferber has developed the Micro Wind Turbine, which came out

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of his personal experience of running out ...

Master Product Design diploma by Nils Ferber, made at ECAL/University of Art and Design Lausanne - ----  
Electronic devices play an important role... &#171;Micro Wind Turbine&#187; by ECAL/Nils Ferber on  
Vimeo

the "micro wind turbine" by nils ferber, is a compact, lightweight, portable charging device that can be folded  
down to the size of a trekking pole. Pinterest. Toko Anda. Jelajahi. Masuk. Daftar. Jelajahi. Dekorasi Rumah.  
Baca. Simpan. Artikel dari . designboom .

This Micro Wind Turbine Will Power Your Gadgets in the Wild. Ingenious! ... And who you need to see for  
that is Nils Ferber, the grad student at the Ecole Cantonale d"art de Lausanne (ECAL) ... Ferber will debut it at  
the Grand Grad Show at Dubai Design Week on October 24-29, 2016.

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weight and ease of set-up.

The Micro Wind Turbine is designed to fill this gap. It is able to continue generating power independently  
using nothing more than a brisk breeze. It was designed by former ECAL student Nils Ferber. While many  
existing lightweight energy source products are based on the design of solar panels, Ferber recognised that  
sunlight can only go so far.

Micro Wind Turbine Even in remote areas, you might need a charging port -- if not for your phone, then  
maybe a camera, light, or radio. The Micro Wind Turbine can provide power in nearly any location using  
nothing but a breeze. It uses a vertical axis rotor to harvest energy, a telescoping design to making packing it  
more manageable, and an integrated battery pack to ...

Well, Nils Ferber, the &#201;cole Cantonale d"Art Lausanne"s design student, encountered a similar problem  
during one of his climbs. He came up with a solution that is now being featured in various newspapers. Picture  
Credits: digitaltrends. Nils Ferber developed what he calls Micro Wind Turbine, a solution to all your low  
battery woes.

The Micro Wind Turbine proposes a novel alternative that can operate in harsh weather conditions and even at  
night. NILS FERBER | The Micro Wind Turbine proposes a novel alternative that can operate in ...

About Micro Wind Turbine Electronic devices play an important role for our activities in the great outdoors.  
They are essential for navigating and documenting our adventures, for scientific surveys or acquisitions, and  
even for rescue operations and disaster management. ... Nils Ferber Since 2016 Employment at Brunner  
Mettler Ltd., Zurich ...

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the "micro wind turbine" by nils ferber, is a compact, lightweight, portable charging device that can be folded down to the size of a trekking pole. Luki Aron. Smartphone. In The Wild. Solar Panels. Wind Turbine. The Wild. Solar. Micro Wind Turbine -- NILS FERBER. Micro Wind Turbine -- NILS FERBER /

Nils Ferber of ECAL/Ecole d'Art de Lausanne has won the 2016 BG Sustainable Development Prize for his Master's thesis project entitled "Micro Wind Turbine". From left to right.: Thilo Alex Brunner, Nils Ferber, Pierre Kohler, Alexis Georgacopoulos (Image credit: ecal) Micro Wind Turbine is designed as an alternative to portable chargers ...

NILS FERBER. CONCEPT. DESIGN. EXECUTION. Projects; Blog; About; SWISS DESIGN AWARDS. June 4, 2017. We are glad to announce that the Micro Wind Turbine was nominated for the Swiss Design Awards, Switzerland's leading design competition. Come see the exhibition from the 13th - 18th of June 2017 at Messe Basel, Hall 3.

La micro turbina e#243;lica de Nils Ferber carga tus dispositivos port#225;tiles en lugares remotos ... "Micro Wind Turbine" ofrece la soluci#243;n perfecta para estos problemas y ya ha recibido una respuesta positiva abrumadora por parte de los excursionistas profesionales. El dispositivo es un 40% m#225;s ligero que su competidor m#225;s cercano, lo que ...

The Micro Wind Turbine: A portable, collapsible energy source This compact turbine is perfect for a nomadic lifestyle. Posted 9 Jan 17 By Emile Uys Duration: 01:21 Design Activism o Product Design Creative Work / Product Spotlight Comments. Keeping electronic devices charged and working is a difficult task when one moves away from ...

This small, light, collapsible, model takes up less space, weighs less, and can generate more power than others currently available. The vertical axis design by Nils Ferber, also doesn't need to be oriented into the wind, which means you can set it up and not have to worry about the wind shifting and cutting off your power supply.

Compact, lightweight and highly portable, this mobile charging unit by Nils Ferber weighs around a pound and can provide power day and night, particularly on windy hills for remote hikers. ... while generating as much power as possible. The Micro Wind Turbine is lighter than most of its competitors and can capture a relatively high volume of ...

Powering devices while working or exploring away from the electrical grid usually requires the use of less-than-reliable solar power. Design student Nils Ferber has constructed a working prototype of a wind turbine that may be able to fill that gap in power regeneration.



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Web: <https://www.ekusenitours.co.za>