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Can You Charge Your Mobile With Wind Turbine?

| February 9, 2014



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If you are bored of hand-cranked chargers, here is a technology that will completely change your perception. The latest way to give your dying battery a new life is the dynamic windmill technology. They will not only decrease your dependency on electricity, but also save your time and are consumer friendly.



Micro-engineering researchers from the University of Texas have developed this latest technology where the power of wind can be harnessed to recharge your phone. In this, a phone is loaded with hundreds of nickel devices in its case.

These micro windmills that are merely 1.8 mm wide are smaller than a grain of rice. They are able to transform the wind energy into electricity. The flexible windmills are made out of nickel alloys that are strong and durable and can withstand strong wind currents without breaking. The components are minimally designed to obtain maximum functionality.



Wind Turbine for Sale

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The tiny blades in the micro windmills are connected to a shaft. The shaft, in turn, is connected to a miniature generator. The generator may be associated with the phone's battery. When the device is running short of power, all the user needs to do is, to just wave the device in the air or place it in front of a window or a high-speed moving fan. With the help of hundreds of such micro windmills, the phone will get charged within a fraction of minutes. Apart from the phone, the micro windmills can be placed anywhere, under a sleeve, a case, tablet or any other portable device.

Taiwan based fabrication company, WinMEMS, has already started its work on potential application of these windmills. In addition to micro windmills, this research team has successfully developed gears, inductors, pop-up switches and grippers. All of these are as small as the human hair diameter.

According to Professor J.C. Chiao, from the Texas University the reason behind the efficient working of the windmills is the flexibility of the nickel alloy and the minimalism of the design that makes it more functional.

One more statement from the University states that inventions of this type are necessary to develop micro-robots that can be used for surgical purposes and sensing machines to explore disaster prone zones. Thus, this could prove to be a revolutionary stride in the field of technology.

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A Deep Technology Lover. Love to write about various technological developments around the world.

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What's Hot!



[LG Releasing L Series III Smartphones at MWC 2014](#)

LG's pre-event announcements are getting earlier and earlier with the company confirming the arrival of its new L Series III Android phones more than a week before MWC 2014 kicks off in Barcelona. The third-generation L Series phones – the L90, L70 and L40 – come with a variety of display sizes and specs, but [...]

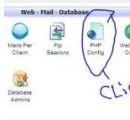
| February 16, 2014



[OMG! This Time, Kickstarter Website Got Attacked by Hackers](#)

It seems to be hacking season at the moment, with new high profile victims hitting the headlines just about every day. The latest target is Kickstarter. The website, which exists to help projects raise the funds they need to get off the ground, was hacked on Wednesday, but details of the attack — along with [...]

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[How to Enable curl_exec in Php or Kloxo or Linux CentOS 5.x](#)

what is Curl cURL is a library created by Daniel Stenberg that allows you to connect and communicate via a variety of different protocols such as HTTP, HTTPS, FTP, Telnet etc.cURL means client URL which allows you to connect with other URLs and use there responses in your code.You can know more about in PHP Manual. By default [...]

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[HTC Updating All Androids Under Its New Flagship For Next 2 Years](#)

HTC has been able to build attractive smartphones like our editor's choice HTC One, but its support of post-launch Android updates haven't been as solid. That's about to change. The company has promised to support "all new flagship devices going forward with all major Android updates for two years," according to the HTC US product [...]

| February 15, 2014



[Latest 64-bit Octa-core Powered BlackBerry Phone Releasing in September?](#)

Believe it or not, a new 64-bit BlackBerry phone may be around the corner with a chip to match the likes of the iPhone 5S and soon-to-be-announced Samsung Galaxy S5. This device is said to have a 64-bit octa-core processor at the heart of its specs and be ready for September of this year, reports Pocket-lint [...]

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[Xbox One 2014 Update Rolling Out Soon With Automatic Download](#)

Going along with the freshly updated Xbox One review available over the net its been a news that Microsoft has begun to roll out the first major patch of 2014 for its new console. The February firmware update offers a better way to manage its storage space and download queue. This digital content-driven, multimedia console [...]


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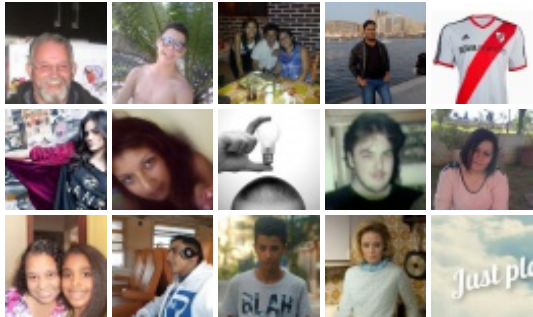
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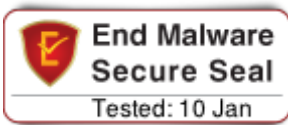
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