

December 1, 2020



EarTechnic Selects Energous' RF-based Wireless Charging for New Hearing Aid Design

WattUp® technology enables next-generation hearing aids, ending the requirement to swap out tiny batteries, a cumbersome task for many users; helpful alerts remind users to charge devices when power levels get low

SAN JOSE, Calif.--(BUSINESS WIRE)-- Today [Energous Corporation](#) (Nasdaq: WATT) – the developer of WattUp®, a revolutionary wireless charging 2.0 technology – announced that EarTechnic, which makes products that make life easier for hearing impaired people, has selected WattUp to wirelessly charge its upcoming hearing device, Tie-X. For many users, frequently replacing tiny hearing aid batteries is often problematic, if not outright impossible. The ability to wirelessly charge these vital devices delivers peace of mind, confidence and a new level of convenience to users.

“Hearing aids are a prime example of small electronic devices that can benefit from WattUp’s wireless charging 2.0 platform. Eliminating the need to constantly change batteries which can also enable hermetically sealed designs is a very compelling use case for this market” said Stephen R. Rizzone, president and CEO of Energous. “Our WattUp hearing aid developer kits enable manufacturers like EarTechnic to efficiently and cost effectively integrate the next generation wireless charging into their devices.”

Hearing aids can be life-changing for those with hearing loss, however, for the elderly this comes with a downside: the cost and nuisance of purchasing and replacing batteries. These tiny batteries, which might need to be replaced as frequently as every three days¹, can be frustrating for anyone. Energous’ WattUp wireless charging technology is based on radio frequency (RF), which provides a number of benefits for wireless charging, including the ability to fit into small form factor products and devices without flat surfaces. WattUp’s technology ecosystem - which supports both at-contact and over-the-air wireless charging – reduces placement and interference issues that consumers experience with coil-based solutions. WattUp can also be monitored by a smartphone app to alert the wearer when battery levels are running low.

“We evaluated a number of wireless charging platforms and were impressed by Energous’ WattUp technology as it provides the sizing flexibility and overall functionality we need for our next-generation Tie-X hearing aid,” said EarTechnic CEO M. Emin AGAC. “We strive to use the very latest technology in our efforts to design best-in-class, user friendly hearing devices.”

For more information about EarTechnic, please visit [EarTechnic.com](#). You can also learn more about the Tie series of hearing aids at [Earnet.com](#), [HelixHearing.com](#) and [TieHearingAid.com](#). To learn more about Energous, please visit [Energous.com](#) or follow the

company on [Twitter](#), [Facebook](#) and [LinkedIn](#).

About Energois Corporation

Energois Corporation (Nasdaq: WATT) is leading the next generation of wireless charging – wireless charging 2.0 – with its award-winning WattUp® technology, which supports fast, efficient contact-based charging, as well as charging at a distance. WattUp is a scalable, RF-based wireless charging technology that offers substantial improvements in contact-based charging efficiency, foreign object detection, orientation freedom and thermal performance compared to older, coil-based charging technologies. The technology can be designed into many different sized electronic devices for the home and office, as well as the medical, industrial, retail and automotive industries, and it ensures interoperability across products. Energois develops silicon-based wireless power transfer (WPT) technologies and customizable reference designs. These include innovative silicon chips, antennas and software, for a large variety of applications, such as smartphones, fitness trackers, hearables, medical sensors and more. Energois received the world's first FCC Part 18 certification for at-a-distance wireless charging, and the company has 229 awarded patents for its WattUp wireless charging technology to-date. For more information, please visit Energois.com.

Safe Harbor Statement

This press release contains forward-looking statements that describe our future plans and expectations. These statements generally use terms such as “believe,” “expect,” “may,” “will,” “should,” “could,” “seek,” “intend,” “plan,” “estimate,” “anticipate” or similar terms. Examples of our forward-looking statements in this release include our statements about technology developments, partner product development and wireless charging innovation. Our forward-

looking statements speak only as of this date; they are based on current expectations and we undertake no duty to update them. Factors that could cause actual results to differ from what we expect include: the impact of the COVID-19 outbreak on the U.S. and global economies generally and on our business, regulatory approvals, product development, employees, partners, customers and potential user base; uncertain timing of necessary regulatory approvals; timing of customer product development and market success of customer products; our dependence on distribution partners; and intense industry competition. We urge you to consider those factors, and the other risks and uncertainties described in our most recent annual report on Form 10-K and subsequent quarterly reports on Form 10-Q, in evaluating our forward-looking statements.

ⁱ <https://energois.com/blog/the-hitch-with-hearing-aids/>

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Energois Public Relations

PR@energois.com

(408) 963-0200

Energois Investor Relations

Mike Bishop
(415) 894-9633
IR@energous.com

Source: Energous Corporation