



Energous 2W PowerBridge Transmitter Receives Full FCC Certification

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SAN JOSE, Calif.--(BUSINESS WIRE)--Aug. 28, 2024-- Energous Corporation d/b/a [Energous Wireless Power Solutions](#) (NASDAQ: WATT), a pioneer in scalable, over-the-air wireless power networks (WPNs), today announced the full FCC certification of the Energous 2W PowerBridge transmitter system, making it the industry's first certified transmitter available at this power level. The unique design of the Energous 2W PowerBridge transmitter enables the delivery of significantly increased power—up to 8W Effective Isotropic Radiated Power (EIRP)—providing customers with better visibility across their supply chain operations.

Wireless power transfer devices operating in the 900MHz frequency band must be authorized under the FCC's equipment authorization rules and are subject to the technical and operational requirements of Part 15 and/or Part 18 of the FCC rules. With this certification, Energous 2W PowerBridge transmitter systems will enable WPNs that safely and efficiently deliver continuous access to wireless power over-the-air and at distance while enabling a constant stream of real-time data for all connected devices, such as sensors and tags.

"The FCC certification of the Energous 2W PowerBridge transmitter system underscores our commitment to advancing wireless power technology and building a more sustainable future by enabling the next generation of battery-free innovations," said Daniel Lawless, SVP of System Operations and Regulatory Affairs, Energous Wireless Power Solutions. "By achieving this certification, the Energous 2W PowerBridge ensures compliance with regulatory standards, offering a safe, cost-efficient, and reliable solution for creating WPNs that enable unprecedented levels of visibility, control, and intelligent business automation for enterprise supply chain applications."

"Congratulations to Energous for securing all appropriate FCC approvals for their 2W PowerBridge transmitter system which, as an essential part of a wireless power network, delivers wireless power to IoT sensors at greater distances," said Sanjay Gupta, President, AirFuel Alliance. "This certification is a testament to the growing adoption of wireless charging across the entire value chain. It will simplify deployment, reduce cost, and accelerate growth of the AirFuel RF wireless power ecosystem – and bring us one step closer to building a world where industry can power up without plugging in."

Energous is one of the first companies to receive FCC certification for its wireless power solutions and its products are now certified in more than 110 markets, ensuring Energous wireless power solutions meet global RF, EMC, health, and safety standards. The company's innovative technology is supported by 250+ patents.

About Energous PowerBridge Transmitters

Energous PowerBridge transmitter systems are the backbone of WPNs that allow connected devices such as sensors and tags to continuously provide critical enterprise data to cloud networks—at distance and without wires, batteries, or cables—ensuring they are reliably charged at all times. These transmitter systems act as data links for IoT-enabled devices, enabling them to efficiently communicate valuable data and insights back to the cloud, and allowing companies to analyze, optimize, and improve every part of their supply chain operations in real time.

The Energous [2W PowerBridge](#) transmitter system is designed for next-generation, enterprise IoT applications which require power over a distance, providing a WPN that delivers an always on, over-the-air automated energy flow that optimizes IoT device performance. The system's proprietary antenna design enables it to transmit higher radiated power—up to 8W Effective Isotropic Radiated Power (EIRP)—and dual polarization, delivering up to 99 percent visibility of all connected devices. This makes the Energous 2W transmitter well suited for large-scale industrial applications where asset tracking and monitoring across multiple zones is critical to operations, including supply chain visibility, cold chain monitoring, fleet management, and temperature and humidity monitoring.

The Energous 2W PowerBridge transmitter system combines two high-efficiency power amplifiers with a System-on-Chip (SoC) RF transmitter to create a wireless charging infrastructure that enables continuous data streams from mobile IoT devices into business critical applications.

About Energous Wireless Power Solutions

Energous Corporation d/b/a Energous Wireless Power Solutions (NASDAQ: WATT) is pioneering scalable, over-the-air (OTA) wireless power networks that enable unprecedented levels of visibility, control, and intelligent business automation. The Company's wireless power transmitter and receiver technologies deliver continuous access to wireless power, helping drive a new generation of battery-free devices for asset and inventory tracking and management—from retail sensors, electronic shelf labels, and asset trackers, to air quality monitors, motion detectors, and more. For more information, visit www.energous.com or follow on [LinkedIn](#).

Forward-Looking Statements

This press release contains "forward-looking statements" within the meaning of the Securities Act of 1933, as amended, the Securities Exchange Act of 1934, as amended, and the safe harbor provisions of the Private Securities Litigation Reform Act of 1995. All statements other than statements of historical fact included in this press release are forward-looking statements. Forward-looking statements may describe our future plans and expectations and are based on the current beliefs, expectations and assumptions of Energous. These statements generally use terms such as "believe," "expect," "may," "will," "should," "could," "seek," "intend," "plan," "estimate," "anticipate" or similar terms. Examples of forward-looking statements in this release include but are not limited to statements about the future of the global wireless charging industry and statements about our technology and its expected functionality. Factors that could cause actual results to differ from current expectations include: 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 as filed with the Securities and Exchange Commission (SEC), any subsequently filed quarterly reports on Form 10-Q as well as in other documents that may have been subsequently filed by Energous, from time to time, with the SEC, in evaluating our forward-looking statements. In addition, any forward-looking statements represent Energous' views only as of the date of this release and should not be relied upon as representing its views as of any subsequent date. Energous does not assume any obligation to update any forward-looking statements unless required by law.

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Media Relations Contact:

pr@energous.com

Investor Relations Contact:

ir@energous.com

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