

Mitsubishi Electric and EVHACS Announce Strategic Partnership to Deliver World's First Integrated Heat Pump and EV Charging Solution

One unit, two essential functions: a breakthrough in energy efficiency for homes and businesses

June 9th 2025 —Dublin, Ireland

Mitsubishi Electric, a global leader in sustainable HVAC and heat pump solutions, has partnered with Irish tech company EVHACS to launch a revolutionary product for the residential and commercial market: the world's first integrated heat pump and electric vehicle (EV) charger.

This groundbreaking collaboration merges Mitsubishi Electric's cutting-edge heat pump and air conditioning systems with EVHACS' patented EV charging technology—creating a single, compact unit capable of both heating and cooling spaces and charging electric vehicles.

One installation. One power connection. Two solutions.

The integrated system will allow homeowners, property developers, and commercial operators to simplify their infrastructure by combining two vital energy technologies in one. This results in reduced installation complexity, faster deployment, lower total system costs, and minimal impact on building aesthetics. "This partnership marks a major leap forward in sustainable building technology," said Ciaran Moody, President Mitsubishi Electric Ireland. "We are proud that our Irish team is at the forefront of this innovation—pioneering the future of smart, connected homes and businesses by combining two critical technologies into one intelligent system. This solution reflects Mitsubishi Electric's commitment to driving the energy transition through practical, scalable innovation." The integrated system enables maximum energy efficiency—offering a powerful, future-proof solution for the decarbonised buildings of tomorrow. By intelligently sharing available electrical capacity between heating, cooling and EV charging functions, the system helps prevent overload, avoids costly grid upgrades, and ensures optimal performance even during peak demand. "Customers are looking for smarter, simpler ways to adopt low-carbon technologies," continued Ciaran. "By partnering with EVHACS, we're creating a solution that delivers on both convenience and sustainability. It's a major leap forward in how we think about the connected home and workplace."

Key benefits of the integrated Mitsubishi Electric + EVHACS system:

- **Simplified Installation:** By combining renewable heating, cooling and

smart EV charging in a single unit, only one electrical connection is required—saving time, space, and materials.

- **Lower Cost of Ownership:** By eliminating the need for separate EV chargers and additional cabling or civil works, the combined solution reduces both upfront installation and long-term maintenance costs. End users benefit from a lower total system cost, while also gaining two essential energy systems in one.
- **Space Efficiency:** The all-in-one format is especially valuable in urban, suburban, or commercial environments where space is limited. This makes the integrated system ideal for retrofits, apartments, townhouses, and commercial buildings where external wall space or electrical capacity might otherwise limit the ability to install multiple systems.
- **Smart Energy Use:** The system includes intelligent controls that allow users to manage both their heating, cooling and EV charging from a single interface. Smart scheduling and connectivity features help optimise energy consumption based on tariffs, occupancy, or energy demand—maximising comfort and convenience while reducing energy waste.
- **Dynamic Load Balancing:** One of the most significant advantages of this integrated solution is its ability to dynamically balance electrical loads between the heat pump and the EV charger. This ensures the system never draws more power than the available supply can handle, helping to prevent overloads or the need for costly electrical panel or grid upgrades. It also supports participation in demand-side management and future smart grid applications.

EVHACS' proprietary technology transforms Mitsubishi Electric's award-winning heat pumps and air conditioning units into dual-purpose systems without compromising on performance or efficiency. The integration supports AC charging and is designed to work seamlessly within home energy management systems.

"This is about convergence," said Jeff Aherne, CEO of EVHACS. "Our mission has always been to make clean energy technologies more accessible and practical. With Mitsubishi Electric, we're making it easier than ever for people to decarbonise their homes, retail or commercial buildings, and vehicles—all in one step. "We've always believed that heating and mobility infrastructure should evolve together," continued Jeff. "Our partnership with Mitsubishi Electric proves that bold, collaborative innovation can deliver smarter, greener solutions that genuinely move the needle on climate action. The integration of the Mitsubishi Electric heat pump unit with the EVHACS EV charger results in an EVHACS branded unit which comes with a full EVHACS warranty and support. End users still benefit from the trusted, award-winning Mitsubishi Electric technology that powers the heating and cooling performance. It's the best of both worlds—cutting-

edge integration backed by proven, reliable engineering. This solution makes sustainability simpler and more accessible for everyone.”

The combined units are now available across Ireland, contact EVHACS for more information: <https://evhacs.com/>

Image 1:



Pictured L to R: Jeff Aherne CEO of EVHACS, Ciaran Moody President of Mitsubishi Electric Ireland and Darran Faherty CPO of EVHACS.

Text: A first-of-its-kind innovation: Mitsubishi Electric and EVHACS unveil the world’s first integrated heat pump and EV charger—redefining efficiency, convenience, and sustainability in one smart unit.









About Mitsubishi Electric Corporation




With more than 100 years of experience in providing reliable, high-quality products, Mitsubishi Electric Corporation (TOKYO: 6503) is a recognized world leader in the manufacture, marketing and sales of electrical and electronic equipment used in information processing and communications, space development and satellite communications, consumer electronics, industrial technology, energy, transportation and building equipment. Mitsubishi Electric enriches society with technology in the spirit of its “Changes for the Better.” The company recorded a revenue of 4,476.7 billion yen (U.S.\$ 36.7 billion*) in the fiscal year ended March 31, 2022. For more information, please visit www.mitsubishielectric.com

*U.S. dollar amounts are translated from yen at the rate of ¥221=U.S.\$1, the approximate rate on the Tokyo Foreign Exchange Market on March 31, 2022.

About Mitsubishi Electric Ireland

Mitsubishi Electric Europe B.V. Ireland has its headquarters in Plunkett House, Grange Castle Business Park, Dublin 22 and has been serving the Irish market since 1981. The Irish Branch is a part of Mitsubishi Electric Europe B.V., a wholly owned subsidiary of Mitsubishi Electric Corporation, Japan. Mitsubishi Electric Ireland provides a wide range of products and services, primarily focusing on HVAC (heating, ventilation and air-conditioning) systems, IT Cooling solutions and automation. The Irish branch serves a wide range of sectors, including residential, commercial and industrial and is widely known for its reliable, high-quality products and solutions and their strong customer service. The Irish branch has two divisions; (Living Environmental Systems (LES) and Factory Automation (FA).

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About EVHACS

EVHACS (Electric Vehicle Hybrid Heat Pump Air Conditioning Charging Systems) is an Irish tech innovator pioneering integrated EV charging and HVAC solutions. Their patent-pending technology represents a new category of connected, energy-efficient infrastructure designed to accelerate the transition to net zero.

<https://evhacs.com/>

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