

New European provider Voltara showcases intelligent home energy system at Intersolar 2025

Munich, April 29, 2025 – Voltara will present its intelligent home energy system for the first time at this year's Intersolar. The new European provider combines cutting-edge software innovation with decades of expertise in energy-efficient building technology and electrical installation. The result is a forward-looking energy system built on intelligently networked, decentralized prosumers. Voltara works closely with regional installation companies – from planning to implementation.

With a clear focus on shaping the future of home energy, Voltara is launching its complete product ecosystem: a modular all-in-one storage system with integrated hybrid inverter and energy management system (EMS), 500 W PV modules with back-contact technology, a wallbox, and a domestic hot water heat pump. All components are centrally controlled via the Voltara Home EMS app, which already supports the integration of dynamic electricity tariffs.

The company places a strong emphasis on working with regional, quality-conscious installers who want to future-proof their businesses by responding to the growing demands of the market – from sector coupling and storage technologies to digitalization and dynamic pricing. Voltara offers a comprehensive, well-designed system solution: premium hardware optimized for fast and easy installation, forward-thinking EMS for end customers, and dedicated support by a team of experienced master electricians and technicians. A single point of contact and warranty provider based in Germany ensures continuity and reliability across the entire portfolio.

Currently active in Germany and Switzerland, Voltara aims to expand into the European residential energy market in the near future.

Renewable energy in Voltara's DNA

Founded by Carl Krass and Janis Legler, Voltara brings together deep family roots in electrical installation and building systems with a strong track record in software innovation. Carl Krass comes from the entrepreneurial family behind Centrotec SE – a European group of leading providers in energy-efficient building technology. This includes companies such as Ubbink, CS Wismar (known for the Sonnenstromfabrik brand), and Ariston, with its subsidiaries WOLF, Brink, and Elco.

Janis Legler comes from a long-established family-run electrical installation business in Landshut and builds on the pioneering spirit of his ancestors, who were already

generating electricity from hydropower for industrial use in Glarus, Switzerland, in the late 19th century.

Both founders studied at renowned business universities and successfully built software products in international tech hubs such as Silicon Valley and London.

"In many emerging technologies, we tend to look toward Asia or the U.S. But Europe's big opportunity lies in electrification: sector coupling, energy storage, digitalization, and dynamic tariffs open up possibilities we haven't seen in decades. I'm proud that Voltara builds on the traditions and products of our European family businesses in building technology, photovoltaics, heat pumps, and storage – and turns it into an intelligent, integrated system for the home. Europe has the chance to become a leader in electrification – with high-quality hardware, smart software, and strong local craftsmanship. That's what Voltara stands for," says Carl Krass, founder of Voltara.

Intelligent energy flows – for more control and efficiency

At the heart of the product ecosystem is the modular all-in-one storage system with the integrated, license-free EMS Voltara Home, which serves as the intelligent control hub for all energy flows in the home. The system is open to third-party devices: heat pumps, wallboxes, and smart household appliances can be seamlessly integrated. Weather forecasts, usage behavior, and dynamic pricing signals are automatically incorporated into system optimization.

"As the electrification of sectors such as mobility, heating, and digital infrastructure advances, Europe's demand for clean, reliable energy is rising rapidly. Our vision is to intelligently connect producers, consumers, and storage systems – making buildings active components of a resilient and powerful European energy system. Our customers receive a smart system that's easy to operate and future-proof by design," explains Janis Legler, co-founder of Voltara.

Tailored support for installers

Voltara sees installers as key players in the electrification of buildings and is committed to close collaboration with regional partners in Germany and Switzerland. Installation partners benefit from comprehensive support: technical planning and commissioning assistance, hands-on training for technicians and sales teams, fast and direct support, and targeted sales and marketing assistance for end-customer acquisition.

Modular, plug-and-play systems – built by installers for installers

With many years of hands-on experience as a PV installer and certified master electrician, Dennis Zacharias, now Technical Director and Managing Partner at Voltara,

shapes the technical direction of the company. Previously, he served as operations manager at Emondo, a leading premium installation company. Over the course of his career, he was involved in the planning and commissioning of more than a thousand residential energy systems.

This extensive practical experience is directly reflected in the development of the Voltara systems – particularly the modular all-in-one storage solution, which was specifically designed to meet the needs of installation companies. The system combines a hybrid inverter, battery modules (expandable from 10 to 25 kWh), and an EMS gateway in a single, plug-and-play unit designed for fast and seamless installation.

Designed for maximum protection, the system features a comprehensive safety architecture:

- Adaptive safety and performance analytics
- Proprietary battery management system (BMS) with intelligent cell protection
- LFP battery cell technology
- Integrated aerosol-based fire suppression in each battery module
- Robust steel enclosure (IP65-rated)
- Full data protection in accordance with EU GDPR, with cybersecurity protocols and data processing on German servers
- Built-in backup power functionality without additional hardware or installation

Product portfolio & outlook

Just in time for Intersolar, Voltara is unveiling its new 500 W back-contact solar modules. The product portfolio also includes an in-house wallbox (up to 11 kW charging power). By the end of the year, Voltara will also launch a domestic hot water heat pump, expanding the system to cover the heating sector.

About Voltara

Voltara is a European provider of complete home energy systems that combine high-quality hardware with smart software. Its mission is to drive the electrification of homes and enable the development of a future-ready, intelligent energy infrastructure across Europe. The company works in close partnership with regional installers and

provides targeted support in planning, service, sales, and marketing. Voltara currently operates in Germany and Switzerland.

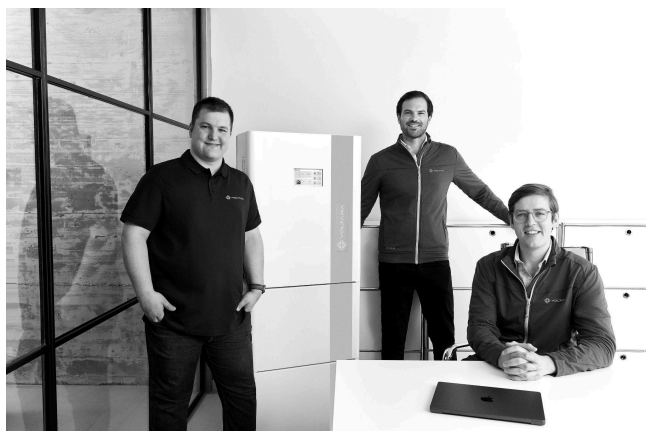
Company website: www.voltara.energy

Further resources: [Online press kit with print/web-ready images](#)

Media representatives are warmly invited to visit Voltara and experience the new home energy system at Intersolar Europe 2025, Booth A2.175.

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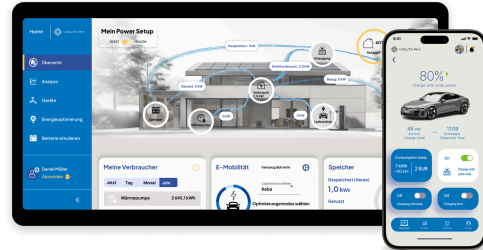
Founders Carl Krass (right) and Janis Legler (centre) together with Technical Director & Member of the Management Board Dennis Zacharias (left)



Team photo Voltara



Voltara's intelligent all-in-one storage system



Voltara Home energy management system



VOLTARA PV module with 500 watts with back-contact technology



VOLTARA Wallbox with up to 11 kW charging power



VOLTARA domestic hot water heat pump

