

Pressemeldung

terahash.powersystems GmbH Founded – Joining Forces for the Future of Energy

Augsburg, January 2025 – After extensive preparation and planning, terahash.energy GmbH proudly announces the founding of its subsidiary, terahash.powersystems GmbH. With this new company, terahash.energy leverages synergies to enhance its expertise in turnkey solutions for energy generation and storage through state-of-the-art solar modules and high-performance industrial battery storage systems.

These technologies provide solutions to the challenges currently being debated in business and politics. As key drivers of the energy transition, terahash.powersystems plans and delivers the energy systems of tomorrow to businesses.

In collaboration with Timeless Planet GmbH & Co. KG as a strong founding partner, terahash.powersystems offers tailor-made solutions for business clients, including manufacturing industries, energy producers, municipal utilities, and companies in the broader energy sector. Efficient and sustainable EPC (Engineering, Procurement, Construction) services are provided comprehensively from a single source.

A Key Piece in the Puzzle of the Energy Transition

terahash.powersystems GmbH combines innovative technologies with expert engineering to provide businesses with holistic infrastructure for energy supply. Its services include consulting, planning, procurement, and installation of modern energy systems, along with efficient energy management and maintenance services.

The Power Plant of the Future

Under the powersystems umbrella, new solar installations are provided for rooftop, ground-mounted, and agri-PV projects with capacities ranging from 300 kWp to 5 MWp. The new subsidiary also enhances the efficiency of existing systems through repowering (renewal of solar panels in existing PV parks).

Additionally, terahash.powersystems GmbH delivers powerful industrial-scale battery solutions from leading global manufacturers, offering charging capacities from 100 kW to 700 kW and storage capacities from 250 kWh to 1.25 MWh. These solutions are scalable, enabling the realization of larger projects.

The commercial storage systems reduce operational costs, increase energy efficiency, and raise self-consumption rates, leading to greater energy autonomy. These systems can also be operated off-grid as standalone solutions or clean backup generators. Grid fees can be reduced further by peak shaving. Additional revenue streams are created by deploying these systems for electricity trading, ancillary services, or grid-supporting operations.

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Mobile Bitcoin data centers with capacities from 100 kW to 1 MW are available as indoor towers or outdoor containers, including heat recovery. Modular booster heat pumps starting at 50 kW can also be scaled to meet the specific requirements of different projects.

Proven and Practical

A successful reference project demonstrates the practicality of these innovative approaches: Timeless Planet, in close collaboration with terahash.energy, has implemented a large-scale PV ground-mounted system at the site of Kläger Group in Hartha (Saxony). This system delivers 1.6 MWp of power and includes battery storage in a container.

The combination of photovoltaics, industrial-scale battery storage, and Bitcoin mining impressively demonstrates how energy generation, storage, and decentralized transformation into value can be synergistically integrated. Together, they improve efficiency, cost-effectiveness, and independence from the grid.

"With the founding of terahash.powersystems GmbH, we are expanding our expertise and capabilities to support our partners in transitioning to sustainable and future-proof energy systems," confirms Kristian Kläger, Founder & CEO of terahash.energy GmbH. "Our mission is to deliver complete energy infrastructures from a single source—customized, sustainable, and flexible," adds Michèle Rascher, Partner & CEO of Timeless Planet GmbH & Co. KG.

About Timeless Planet

As "the architects of energy," Timeless Planet GmbH & Co. KG designs sustainable and customized energy solutions for B2B clients with annual energy demands of up to 5 GWh. These clients often have high energy and heating requirements. To meet these needs, Timeless Planet takes a holistic approach, integrating elements such as photovoltaics, storage systems, charging infrastructure, and heating solutions into comprehensive concepts tailored to their customers. The company handles technical planning, project implementation, and grid connection to ensure that systems can be operational immediately after completion. Timeless Planet specializes in projects for theme parks, pools, industries, commercial businesses, agriculture, hotels, and restaurants.

Based in Bad Wörishofen, the company was founded in 2020 and has since successfully implemented projects across Germany.

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terahash.powersystems GmbH – Looking Forward to a Successful Collaboration

From left to right: Michèle Rascher (CEO Timeless Planet), Constantin Wenzlik (CEO Timeless Planet), Kristian Kläger (CEO terahash.energy)