

Jiangsu Dahui Electronics Launches Wind-Solar Hybrid High-Frequency Inverter



Wuxi, Jiangsu Sep 17, 2026 ([Issuewire.com](https://www.issuewire.com)) - As the global dual-carbon strategy continues to advance and the renewable energy industry is ushering in a critical stage of rapid development, in order to further promote the efficient and coordinated utilization of wind energy, solar energy and other renewable energy sources, and promote the popularization and upgrade of distributed green energy systems, Jiangsu Dahui Electronic Technology Co., Ltd. has recently officially launched a new self-developed product - wind and solar complementary control high-frequency inverter all-in-one machine, bringing a more efficient, stable and intelligent integrated solution to distributed new energy power supply scenarios.

The wind and solar complementary control high-frequency inverter all-in-one machine released this time is a core new product created by Jiangsu Dahui Electronics based on years of technology accumulation and market demand insights in the new energy industry. The equipment innovatively deeply integrates wind power generation, photovoltaic power generation and high-frequency inverter functions. Relying on industry-leading intelligent control and inverter technology, it realizes the collaborative optimization of wind and solar clean energy and the efficient conversion of electric energy. It fundamentally improves the operational stability, energy utilization efficiency and overall economic benefits of the distributed green energy power supply system, and can fully adapt to the application needs of diversified scenarios such as household use, off-grid independent power stations, and industrial and commercial distributed power supply.

In terms of product performance and functional design, this new product has core advantages in all dimensions, fully covering the full cycle needs of users from installation, operation and maintenance to daily use: it adopts a highly integrated control system to seamlessly integrate wind power generation,

photovoltaic power generation and inverter systems, and through centralized management mode, which greatly simplifies the on-site installation process and daily operation and maintenance operations of the equipment, lowering the user's threshold for use; it is equipped with a full-dimensional real-time parameter monitoring system, which can display core operating parameters such as charging voltage, current, temperature, and power in real time. With a simple and intuitive human-computer interaction interface, the system System management and status monitoring become simple and easy to operate; equipped with an intelligent heat dissipation management system, it can automatically adjust the start, stop and operating status of the fan according to the real-time operating temperature and load power of the equipment, effectively ensuring that the equipment can still operate safely, stably and continuously under extreme working conditions of high temperature and high load. It has strong system compatibility and configuration flexibility, fully supports a variety of battery types and battery pack configuration solutions, and can be perfectly adapted to a variety of differentiated application scenarios such as daily household power supply, off-grid power stations in remote areas, outdoor emergency power supply, etc.; it also has rich expandable functions and optional The RS485 peripheral communication interface can be seamlessly connected to various external devices to achieve coordinated operation of multiple devices, greatly improving the scalability of the system. It can also be equipped with an optional remote monitoring function based on the IoT platform. Users can view device operating parameters and working status through the platform anytime and anywhere, and monitor the health and operating performance of the system in real time, making device management more convenient and smarter.

The official release of the wind-solar complementary control high-frequency inverter all-in-one machine not only further enriches Jiangsu Dahui Electronics' new energy product matrix, but also fully demonstrates the company's deep R&D innovation strength and technological accumulation in the field of new energy and green energy equipment. In the future, Jiangsu Dahui Electronics will continue to delve into new energy technology innovation, continuously optimize product performance and solutions, provide global customers with more efficient, more stable, and smarter integrated new energy power supply products and services, continue to support the implementation and advancement of the global dual-carbon goals, and contribute core strength to the high-quality development of the renewable energy industry.

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