

Tokyo High Frequency Power Inverter

In recent years, the voltage and capacity of inverters used in the BEV and PHEV powertrains have increased. We would like to introduce solutions for inverters that repeatedly supply and regenerate ...

Products of Hitachi Industrial Equipment Systems Co., Ltd: Introduction of Hitachi Variable Frequency Drives (Inverter).

Tokyo, April 17, 2025 - Hitachi Industrial Equipment Systems Co., Ltd. (HIES) has begun operating a next-generation power conditioner*1 called a Grid Forming Inverter (GFM), at its Narashino Works ...

Dai-ichi Kiden, with a high frequency induction heating technology, we manufacture various induction heating equipments and we propose a solution that can contribute to the new material development ...

Japan's commitment to innovation has led to significant breakthroughs in high voltage, high current inverter technology. Japanese manufacturers focus on enhancing performance, ...

Central to this evolution is the increasing integration of high-frequency output inverters, which serve as critical enablers of advanced automation and digital manufacturing.

Highly efficient and highly stable performance is achieved by using SiC, a next-generation semiconductor. High-efficiency, highly stable high-frequency inverter that can also be equipped with ...

High frequency transformer / power inductor Our high frequency transformers and power inductors are mounted on Toshiba Device & Storage's 1.6kW AC-DC server power reference board.

VF64R regenerative converter is more advanced version of the VF61R designed with consideration for the power supply environment, options for system upgrades, and open network support.

Present basic specifications of frequency converters (Higashi-Shimizu 600MW, Shin-Sakuma (tentative name) 300MW) are as follows. This project is planned to be commissioned in the fiscal year 2027.



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