

Active clamped dual current-fed bidirectional DC-DC converter for wide voltage range applications

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Active front end converters with voltage balancing capability

Verbytskyi, Ievgen; Blinov, Andrei; Chub, Andrii; Vinnikov, Dmitri; Kyselova, Anna 2024 IEEE 65th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON) 2024 / 5 p <https://doi.org/10.1109/RTUCON62997.2024.10830902> [Article at Scopus](#)

Analysis of consumer energy flexibility and applicability for power system

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Case study of outdoor digital screens effect on drivers

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Community battery sizing for distribution level RES hosting capacity improvement

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Cost-efficient improvement of power system's reliability within limited funds

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Design issues of SSCBs for residential DC microgrid

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A DFT-based approach for condition monitoring of switch-mode power converters

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Fault simulation and analysis of high-voltage circuit breaker's spring charging mechanism using a universal motor model

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Forecasting PV energy generation using transformer-based architectures: A comparative study of Lag-Llama, TFT, and DeepAR

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Improved half-bridge Z-source inverter based gamma structure with continuous input current

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Pick-and-place operation of linear Delta robots with low energy consumption

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