

Current-fed partial power converter for photovoltaic applications in DC microgrids

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A hybrid modulation approach for step-up/ down partial power converter with improved MPPT efficiency around zero partiality

Yadav, Neelesh; Chub, Andrii; Hassanpour, Naser; Blinov, Andrei; Vinnikov, Dmitri; Galkin, Ilya IEEE transactions on industry applications 2025 <https://doi.org/10.1109/TIA.2025.3525607>

Multiport current fed push/pull partial power converter for battery integration in DC microgrid

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Operation of the step-up/down bidirectional partial power converter near zero series voltage

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Performance evaluation of step-up/down current-source partial power converters for PV applications

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Step-up current-source partial power converter for PV systems

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