

Analysis of the use of supercapacitors and batteries as energy storage elements for off-grid hybrid photovoltaic inverters

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Bidirectional solid-state DC circuit breaker for the protection of residential and Commercial DC buildings

Aditya, P.; Yagna, V.; Banoth, T.; **Chub, Andrii; Banavath, Satish Naik** 2023 IEEE 8th Southern Power Electronics Conference and
17th Brazilian Power Electronics Conference (SPEC/COBEP) 2023 / 6 p <https://doi.org/10.1109/SPEC56436.2023.10407460>

Dynamic reconfiguration for wide output voltage range isolated buck-boost PFC converter

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Multi-port i-AFE converter for grid-interactive buildings: design requirements and efficiency evaluation

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