

A new master-slave based centralized control method for an AC microgrid with multiple distributed energy resources

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Overview of single-stage isolated AC-DC topologies for interfacing DC and AC grids

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

Abdel-Rahim, Omar; Chub, Andrii; Blinov, Andrei; Vinnikov, Dmitri; Hassanpour, Naser IEEE 13th International Symposium on

Power Electronics for Distributed Generation Systems (PEDG) 2022 / 6 p. <https://doi.org/10.1109/PEDG54999.2022.9923250>