

Artificial Intelligence in the hierarchical control of ac, dc and hybrid ac/dc microgrids – A review

Gutiérrez-Escalona, J.; Roncero-Clemente, C.; Husev, Oleksandr; Matiushkin, Oleksandr; Blaabjerg, Frede IEEE Access 2024 / 20 p <https://doi.org/10.1109/ACCESS.2024.3486382>

Bidirectional twisted single-stage single-phase buck-boost DC-AC converter

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Buck-boost unfolder inverter as a novel solution for single-phase PV systems

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Closed-loop control system design for wireless charging of low-voltage EV batteries with time-delay constraints

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Comparative evaluation of common-ground converters for dual-purpose application

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Comparison of grid-connected flyback-based microinverter with primary and secondary side decoupling approach

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Cost-effective piggyback forward dc-dc converter

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Design and experimental validation of a single-stage PV string inverter with optimal number of interleaved buck-boost cells

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Design of LCL-filter for grid-connected buck-boost inverter based on unfolding circuit

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Reactive power injection capability of buck-boost inverter with unfolding circuit

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Reinforcement Learning-based Energy Management Strategy for Flexible Hybrid ac/dc Microgrid

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