

A dual-input partial-power boost half-bridge DC-DC converter with integrated transformer for efficient battery integration in DC microgrids

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High-efficient switched-capacitor step-up DC–DC converter with partial power processing

Toebe, Ademir; Bulegon Löbler, Pedro Henrique; **Dos Santos, Niwton Gabriel Feliciani**; Beltrame, Rafael Concatto; Schuch, Luciano; Rech, Cassiano IECON 2025 – 51st Annual Conference of the IEEE Industrial Electronics Society 2025 / 6 p
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A novel orbirect inductive coil structure for wireless inductive power transfer in electric vehicle battery charging applications

Kishan, Dharavath; Ghosh, Shubhankar; Chauhan, Shubhang; **Chub, Andrii** IECON 2025 – 51st Annual Conference of the IEEE Industrial Electronics Society 2025 / p. 1-5 <https://ieeexplore.ieee.org/document/11221497>
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Switched-capacitor resonant DC–DC converter with differential power processing for stacked servers in data center applications

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