

Active redundancy in isolated DC-DC converters: A modular solution for fault tolerance

Shirodkar, Aditya; Banavath, Satish Naik; **Yadav, Neelesh; Chub, Andrii**; Mandrioli, Riccardo 2025 IEEE 19th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG) 2025 / 5 p <https://doi.org/10.1109/CPE-POWERENG63314.2025.11027280>

Design and implementation of dual-mode LLC resonant converter for charging 400 V and 800 V onboard plug-in electric vehicles

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Performance comparison of voltage-fed and current-fed series resonant converters for high step-up DC-DC applications

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Soft-start procedure for DC microgrid fed by PWM-controlled DAB converter

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Startup implementation in universal power electronics interface with dual-standard output for DC microgrid applications

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