

Comparison of isolated boost full bridge converters for power factor correction application

Zinchenko, Denys; Blinov, Andrei; Vinnikov, Dmitri 2019 IEEE 60th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON), 7-9 October 2019 : conference proceedings 2019 / 7 p. : ill <https://doi.org/10.1109/RTUCON48111.2019.8982361>

Experimental verification of two-stage power converter with current-fed soft-switching front-end for battery storage applications

Kosenko, Roman; Blinov, Andrei; Korkh, Oleksandr 2018 20th European Conference on Power Electronics and Applications (EPE'18 ECCE Europe) : Riga, Latvia, 17-21 September 2018 2018 / p. 1599-1608 : ill <https://ieeexplore.ieee.org/document/8515580>

Extended ZVS-On/ZCS-Off range for CF-DAB converter under DCM operation for residential energy storage systems

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Fault-tolerant soft-switching current-fed DC-DC converter

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Feasibility study of cascading of full soft-switching current-fed naturally clamped DC-DC converters

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Grid-frequency Vienna rectifier and isolated current-source DC-DC converters for efficient off-board charging of electric vehicles

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Soft-switching current-FED flyback converter with natural clamping for low voltage battery energy storage applications

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A three-phase full soft-switching current-fed naturally clamped DC-DC converter for high-power energy storage applications

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A topology morphing partial power converter with variable turns ratio for integration of on-board battery chargers with DC buildings
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