

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

Husev, Oleksandr; Matiushkin, Oleksandr; Roncero-Clemente, Carlos; **Vinnikov, Dmitri;** Chopyk, Vasilii *Energies* 2019 / art. 3505, 14 p. : ill <https://doi.org/10.3390/en12183505> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Carrier based modulation with capacitor balancing for three-level neutral-point-clamped qZS inverter

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Carrier level-shifted based control method for the PWM 3L-T-Type qZS inverter with capacitor imbalance compensation

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CCM operation analysis of the single-phase three-level quasi-Z-source inverter

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