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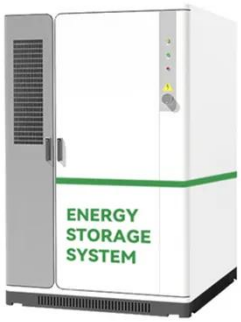
Off-grid inverter system topology

Overview

Most popular topologies in this regard include the Dual Active Bridge with Extended Phase Shift (for example in TIDA-010054) which deals with a primary voltage of 700V to 800V DC, and secondary voltage of 350V to 500V DC (single-phase-shift SPS) or 250V to 500V (extended-phase-shift EPS) for power levels up to 10 kW, Phase-shifted Full-Bridge (for example in PMP22951) which deals with a voltage of 400V down to 54V and a power level of 3kW or CLLLC Dual-Active Bridge (for example in TIDM-02002) which deals with a primary voltage range of 380–600V to a secondary voltage range of 280–450V and power levels up to 6.6kW.

Off-grid inverter system topology



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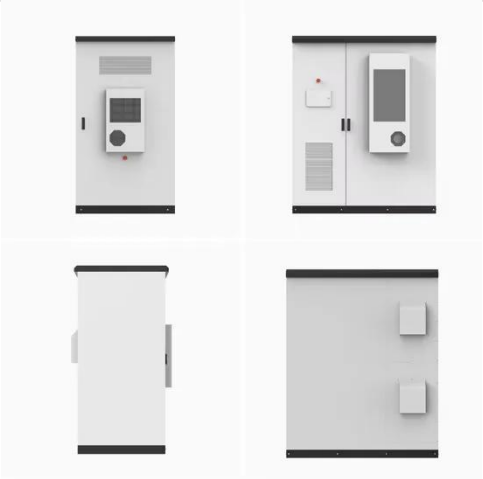

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applications

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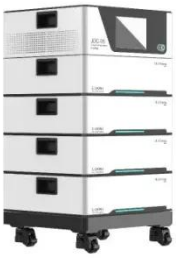

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