

Bidirectional inverter under wide input voltage

The 25 kW bi-directional T-type inverter demonstrates the performance of Wolfspeed's 650 V and 1200 V silicon carbide (SiC) MOSFETs within high power renewable energy systems such as ...

This is an essential feature for fuel-cell applications, which suffer from a wide DC input voltage range. This paper details the operating principle of the Y-inverter, outlines the control system ...

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