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Hybrid Three-Level DC-DC Converter



▶ MORE INFORMATION

MEGA-TREND

- Energy and Power

TECHNOLOGY READINESS LEVEL (TRL)

- TRL 3

PATENT/ GRANTED NUMBER

- MY-177475-A

▶ TECHNOLOGY OVERVIEW

The given invention provides a hybrid three-level dc-dc converter comprising a first switching arm, a second switching arm, four discrete diodes, two capacitors, an inductor having one point of said inductor connected to a common center point of said first switching arm, a dc voltage connected in series with said inductor and to a common center point of the second switching arm, four IGBT transistors wherein each said IGBT transistors are with built-in anti-parallel diodes.

CONTACT US!

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