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Title: Inverter and power module

Generated on: 2026-07-15 03:33:52

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ACEPACK power modules cover a wide range of automotive and industrial applications: from traction inverters, OBC, DC-DC and auxiliary ...

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The IGBT and diode devices that constitute these modules have been made thinner and miniaturized to optimize the device structure. This has ...

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Learn the basics of what an IGBT power module is, what it does and how it works.

OverviewModule TopologiesHistoryElectrical Interconnection TechnologiesCurrent Research and DevelopmentApplicationsExternal linksBesides modules that contain a single power electronic switch (as MOSFET, IGBT, BJT, Thyristor, GTO or JFET) or diode, classical power modules contain multiple semiconductor dies that are connected to form an electrical circuit of a certain structure, called topology. Modules also contain other components such as ceramic capacitors to minimize switching voltage overshoots and NTC thermistors to monitor the module's substrate temperature. Examples of broadly available topolo...

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