

Insulated Gate Bipolar Transistor (IGBT) Market Size, Share And Growth Analysis For 2024-2033

The Business Research Company's Insulated Shipping Packaging Global Market Report 2024 – Market Size, Trends, And Global Forecast 2024-2033

LONDON, GREATER LONDON, UK, January 17, 2024 /EINPresswire.com/ -- The Business Research Company's "[Insulated Gate Bipolar Transistor \(IGBT\) Global Market](#) Report 2024 is a



The insulated gate bipolar transistor (IGBT) market size is expected to see rapid growth in the next few years. It will grow to \$15.77 billion in 2028 at a compound annual growth rate (CAGR) of 13.6%."

The Business Research Company

comprehensive source of information that covers every facet of the market. As per TBRC's market forecast, the insulated gate bipolar transistor (igbt) market size is predicted to reach \$15.77 billion in 2028 at a compound annual growth rate (CAGR) of 13.6%.

The growth in the insulated gate bipolar transistor (igbt) market is due to the increased production of electric vehicles (EV). Asia-Pacific region is expected to hold the largest [insulated gate bipolar transistor \(igbt\) market share](#). Major players in the insulated gate bipolar transistor (igbt) market include Renesas Electronics Corporation, Infineon Technologies AG, Fuji Electric Co. Ltd., ROHM Co.

Ltd., SEMIKRON International GmbH.

[Insulated Gate Bipolar Transistor \(IGBT\) Market Segments](#)

- By Type: Discrete, Modular
- By Power Rating: High Power, Medium Power, Low Power
- By End-User: EV/HEV, Renewables, UPS, Rail, Motor Drives, Industrial, Commercial
- By Geography: The global insulated gate bipolar transistor (igbt) market is segmented into North America, South America, Asia-Pacific, Eastern Europe, Western Europe, Middle East and Africa.

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The insulated gate bipolar transistor (IGBT) refers to a three-terminal semiconductor switching

device used in a variety of electronic devices for fast switching with high efficiency. These devices are typically employed in amplifiers to switch/process complex wave patterns with pulse width modulation (PWM).

The main types of insulated gate bipolar transistor (IGBT) are discrete and modular. The discrete insulated gate bipolar transistors used in power factor correction circuits and dc/ac converter circuits, as well as ups, power conditioners, air conditioners, and welding equipment. IGBT have three types of power rating namely high power, medium power and low power and are used in EV/HEV, renewables, ups, rail, motor drives, industrial and commercial.

Read More On The Insulated Gate Bipolar Transistor (IGBT) Global Market Report At:

<https://www.thebusinessresearchcompany.com/report/insulated-gate-bipolar-transistor-igbt-global-market-report>

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Portable Generators Global Market Report 2024

Global Insulated Gate Bipolar Transistor (IGBT) Market

Expected Growth Rate Through 2027
16.0%

Expected Market Size By 2027
\$15.27 Bn

The increased production of electric vehicles (EV) Is the main driver of the market

Asia-Pacific is the largest region in the market

Information sourced from The Business Research Company
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