

# Global Intelligent Power Modules (IPM) Market Status, Trends and COVID-19 Impact Report 2022

https://marketpublishers.com/r/G9B8C0A53694EN.html

Date: January 2023 Pages: 115 Price: US\$ 2,350.00 (Single User License) ID: G9B8C0A53694EN

## Abstracts

In the past few years, the Intelligent Power Modules (IPM) market experienced a huge change under the influence of COVID-19 and Russia-Ukraine War, the global market size of Intelligent Power Modules (IPM) reached XXX million \$ in 2022 from XXX in 2017 with a CAGR of xxx from 2017-2022. Facing the complicated international situation, the future of the Intelligent Power Modules (IPM) market is full of uncertain. BisReport predicts that the global Intelligent Power Modules (IPM) market size will reach XXX million \$ in 2028 with a CAGR of xx% from 2022-2028.

Since the outbreak of COVID-19, the world economy continues to suffer from a series of destabilizing shocks, many companies experienced bankruptcy and a sharp decline in turnover. After more than two years of pandemic, global economy began to recover, entering 2022, the Russian Federation's invasion of Ukraine and its global effects on commodity markets, supply chains, inflation, and financial conditions have steepened the slowdown in global growth. In particular, the war in Ukraine is leading to soaring prices and volatility in energy markets, with improvements in activity in energy exporters more than offset by headwinds to activity in most other economies. The invasion of Ukraine has also led to a significant increase in agricultural commodity prices, which is exacerbating food insecurity and extreme poverty in many emerging market and developing economies.

Numerous risks could further derail what is now a precarious recovery. Among them is, in particular, the possibility of stubbornly high global inflation accompanied by tepid growth, reminiscent of the stagflation of the 1970s. This could eventually result in a sharp tightening of monetary policy in advanced economies to rein in inflation, lead to surging borrowing costs, and possibly culminate in financial stress in some emerging market and developing economies. A forceful and wide-ranging policy response is



required by policy makers in these economies and the global community to boost growth, bolster macroeconomic frameworks, reduce financial vulnerabilities, provide support to vulnerable population groups, and attenuate the long-term impacts of the global shocks of recent years.

In this complex international situation, BisReport published Global Intelligent Power Modules (IPM) Market Status, Trends and COVID-19 Impact Report 2022, which provides a comprehensive analysis of the global Intelligent Power Modules (IPM) market , This Report covers the manufacturer data, including: sales volume, price, revenue, gross margin, business distribution etc., these data help the consumer know about the competitors better. This report also covers all the regions and countries of the world, which shows the regional development status, including market size, volume and value, as well as price data. Besides, the report also covers segment data, including: type segment, application segment, channel segment etc. historic data period is from 2017-2022, the forecast data from 2023-2028.

Section 1: 100 USD-Market Overview

Section (2 3): 1200 USD—Manufacturer Detail Mitsubishi Electric ON Semiconductor(Fairchild) Infineon Technologies(IR) Fuji Electric SEMIKRON STMicroelectronics ROHM Silan BYD

Section 4: 900 USD—Region Segment North America (United States, Canada, Mexico) South America (Brazil, Argentina, Other) Asia Pacific (China, Japan, India, Korea, Southeast Asia) Europe (Germany, UK, France, Spain, Russia, Italy) Middle East and Africa (Middle East, South Africa, Egypt)

Section (5 6 7): 700 USD—— Product Type Segment IGBT-IPM



#### MOSFET-IPM

Application Segment Automotive Household Appliances New Energy Power Generation Industrial Control Rail Transit

Channel Segment (Direct Sales, Distribution Channel)

Section 8: 500 USD—Market Forecast (2023-2028)

Section 9: 600 USD—Downstream Customers

Section 10: 200 USD——Raw Material and Manufacturing Cost

Section 11: 500 USD-Conclusion

Section 12: Research Method and Data Source



# Contents

### SECTION 1 INTELLIGENT POWER MODULES (IPM) MARKET OVERVIEW

- 1.1 Intelligent Power Modules (IPM) Market Scope
- 1.2 COVID-19 Impact on Intelligent Power Modules (IPM) Market
- 1.3 Global Intelligent Power Modules (IPM) Market Status and Forecast Overview
- 1.3.1 Global Intelligent Power Modules (IPM) Market Status 2017-2022
- 1.3.2 Global Intelligent Power Modules (IPM) Market Forecast 2023-2028
- 1.4 Global Intelligent Power Modules (IPM) Market Overview by Region
- 1.5 Global Intelligent Power Modules (IPM) Market Overview by Type
- 1.6 Global Intelligent Power Modules (IPM) Market Overview by Application

### SECTION 2 GLOBAL INTELLIGENT POWER MODULES (IPM) MARKET MANUFACTURER SHARE

- 2.1 Global Manufacturer Intelligent Power Modules (IPM) Sales Volume
- 2.2 Global Manufacturer Intelligent Power Modules (IPM) Business Revenue
- 2.3 Global Manufacturer Intelligent Power Modules (IPM) Price

# SECTION 3 MANUFACTURER INTELLIGENT POWER MODULES (IPM) BUSINESS INTRODUCTION

3.1 Mitsubishi Electric Intelligent Power Modules (IPM) Business Introduction

3.1.1 Mitsubishi Electric Intelligent Power Modules (IPM) Sales Volume, Price, Revenue and Gross margin 2017-2022

3.1.2 Mitsubishi Electric Intelligent Power Modules (IPM) Business Distribution by Region

- 3.1.3 Mitsubishi Electric Interview Record
- 3.1.4 Mitsubishi Electric Intelligent Power Modules (IPM) Business Profile
- 3.1.5 Mitsubishi Electric Intelligent Power Modules (IPM) Product Specification
- 3.2 ON Semiconductor(Fairchild) Intelligent Power Modules (IPM) Business Introduction

3.2.1 ON Semiconductor(Fairchild) Intelligent Power Modules (IPM) Sales Volume,

Price, Revenue and Gross margin 2017-2022

3.2.2 ON Semiconductor(Fairchild) Intelligent Power Modules (IPM) Business Distribution by Region

3.2.3 Interview Record

3.2.4 ON Semiconductor(Fairchild) Intelligent Power Modules (IPM) Business Overview



3.2.5 ON Semiconductor(Fairchild) Intelligent Power Modules (IPM) Product Specification

3.3 Manufacturer three Intelligent Power Modules (IPM) Business Introduction

3.3.1 Manufacturer three Intelligent Power Modules (IPM) Sales Volume, Price, Revenue and Gross margin 2017-2022

3.3.2 Manufacturer three Intelligent Power Modules (IPM) Business Distribution by Region

3.3.3 Interview Record

3.3.4 Manufacturer three Intelligent Power Modules (IPM) Business Overview

3.3.5 Manufacturer three Intelligent Power Modules (IPM) Product Specification

3.4 Manufacturer four Intelligent Power Modules (IPM) Business Introduction

3.4.1 Manufacturer four Intelligent Power Modules (IPM) Sales Volume, Price, Revenue and Gross margin 2017-2022

3.4.2 Manufacturer four Intelligent Power Modules (IPM) Business Distribution by Region

3.4.3 Interview Record

3.4.4 Manufacturer four Intelligent Power Modules (IPM) Business Overview

3.4.5 Manufacturer four Intelligent Power Modules (IPM) Product Specification

- 3.5
- 3.6

# SECTION 4 GLOBAL INTELLIGENT POWER MODULES (IPM) MARKET SEGMENT (BY REGION)

4.1 North America Country

4.1.1 United States Intelligent Power Modules (IPM) Market Size and Price Analysis 2017-2022

4.1.2 Canada Intelligent Power Modules (IPM) Market Size and Price Analysis 2017-2022

4.1.3 Mexico Intelligent Power Modules (IPM) Market Size and Price Analysis 2017-2022

4.2 South America Country

4.2.1 Brazil Intelligent Power Modules (IPM) Market Size and Price Analysis 2017-2022

4.2.2 Argentina Intelligent Power Modules (IPM) Market Size and Price Analysis 2017-2022

4.3 Asia Pacific

4.3.1 China Intelligent Power Modules (IPM) Market Size and Price Analysis 2017-2022



4.3.2 Japan Intelligent Power Modules (IPM) Market Size and Price Analysis 2017-2022

4.3.3 India Intelligent Power Modules (IPM) Market Size and Price Analysis 2017-2022

4.3.4 Korea Intelligent Power Modules (IPM) Market Size and Price Analysis 2017-2022

4.3.5 Southeast Asia Intelligent Power Modules (IPM) Market Size and Price Analysis 2017-2022

4.4 Europe Country

4.4.1 Germany Intelligent Power Modules (IPM) Market Size and Price Analysis 2017-2022

4.4.2 UK Intelligent Power Modules (IPM) Market Size and Price Analysis 2017-2022

4.4.3 France Intelligent Power Modules (IPM) Market Size and Price Analysis 2017-2022

4.4.4 Spain Intelligent Power Modules (IPM) Market Size and Price Analysis 2017-2022

4.4.5 Russia Intelligent Power Modules (IPM) Market Size and Price Analysis 2017-2022

4.4.6 Italy Intelligent Power Modules (IPM) Market Size and Price Analysis 2017-20224.5 Middle East and Africa

4.5.1 Middle East Intelligent Power Modules (IPM) Market Size and Price Analysis 2017-2022

4.5.2 South Africa Intelligent Power Modules (IPM) Market Size and Price Analysis 2017-2022

4.5.3 Egypt Intelligent Power Modules (IPM) Market Size and Price Analysis 2017-2022

4.6 Global Intelligent Power Modules (IPM) Market Segment (By Region) Analysis 2017-2022

4.7 Global Intelligent Power Modules (IPM) Market Segment (By Country) Analysis 2017-2022

4.8 Global Intelligent Power Modules (IPM) Market Segment (By Region) Analysis

# SECTION 5 GLOBAL INTELLIGENT POWER MODULES (IPM) MARKET SEGMENT (BY PRODUCT TYPE)

5.1 Product Introduction by Type

- 5.1.1 IGBT-IPM Product Introduction
- 5.1.2 MOSFET-IPM Product Introduction
- 5.2 Global Intelligent Power Modules (IPM) Sales Volume (by Type) 2017-2022
- 5.3 Global Intelligent Power Modules (IPM) Market Size (by Type) 2017-2022



5.4 Different Intelligent Power Modules (IPM) Product Type Price 2017-20225.5 Global Intelligent Power Modules (IPM) Market Segment (By Type) Analysis

# SECTION 6 GLOBAL INTELLIGENT POWER MODULES (IPM) MARKET SEGMENT (BY APPLICATION)

6.1 Global Intelligent Power Modules (IPM) Sales Volume (by Application) 2017-2022

6.2 Global Intelligent Power Modules (IPM) Market Size (by Application) 2017-2022

6.3 Intelligent Power Modules (IPM) Price in Different Application Field 2017-2022

6.4 Global Intelligent Power Modules (IPM) Market Segment (By Application) Analysis

# SECTION 7 GLOBAL INTELLIGENT POWER MODULES (IPM) MARKET SEGMENT (BY CHANNEL)

7.1 Global Intelligent Power Modules (IPM) Market Segment (By Channel) Sales Volume and Share 2017-2022

7.2 Global Intelligent Power Modules (IPM) Market Segment (By Channel) Analysis

### SECTION 8 GLOBAL INTELLIGENT POWER MODULES (IPM) MARKET FORECAST 2023-2028

8.1 Intelligent Power Modules (IPM) Segment Market Forecast 2023-2028 (By Region)
8.2 Intelligent Power Modules (IPM) Segment Market Forecast 2023-2028 (By Type)
8.3 Intelligent Power Modules (IPM) Segment Market Forecast 2023-2028 (By Application)

8.4 Intelligent Power Modules (IPM) Segment Market Forecast 2023-2028 (By Channel)8.5 Global Intelligent Power Modules (IPM) Price (USD/Unit) Forecast

# SECTION 9 INTELLIGENT POWER MODULES (IPM) APPLICATION AND CUSTOMER ANALYSIS

- 9.1 Automotive Customers
- 9.2 Household Appliances Customers
- 9.3 New Energy Power Generation Customers
- 9.4 Industrial Control Customers
- 9.5 Rail Transit Customers

# SECTION 10 INTELLIGENT POWER MODULES (IPM) MANUFACTURING COST OF ANALYSIS

Global Intelligent Power Modules (IPM) Market Status, Trends and COVID-19 Impact Report 2022



10.1 Raw Material Cost Analysis10.2 Labor Cost Analysis10.3 Cost Overview

### **SECTION 11 CONCLUSION**

#### **12 RESEARCH METHOD AND DATA SOURCE**



# **Chart And Figure**

### **CHART AND FIGURE**

Figure Intelligent Power Modules (IPM) Product Picture

Chart Global Intelligent Power Modules (IPM) Market Size (with or without the impact of COVID-19)

Chart Global Intelligent Power Modules (IPM) Sales Volume (Units) and Growth Rate 2017-2022

Chart Global Intelligent Power Modules (IPM) Market Size (Million \$) and Growth Rate 2017-2022

Chart Global Intelligent Power Modules (IPM) Sales Volume (Units) and Growth Rate 2023-2028

Chart Global Intelligent Power Modules (IPM) Market Size (Million \$) and Growth Rate 2023-2028

Table Global Intelligent Power Modules (IPM) Market Overview by Region

Table Global Intelligent Power Modules (IPM) Market Overview by Type

Table Global Intelligent Power Modules (IPM) Market Overview by Application

Chart 2017-2022 Global Manufacturer Intelligent Power Modules (IPM) Sales Volume (Units)

Chart 2017-2022 Global Manufacturer Intelligent Power Modules (IPM) Sales Volume Share

Chart 2017-2022 Global Manufacturer Intelligent Power Modules (IPM) Business Revenue (Million USD)

Chart 2017-2022 Global Manufacturer Intelligent Power Modules (IPM) Business Revenue Share

Chart 2017-2022 Global Manufacturer Intelligent Power Modules (IPM) Business Price (USD/Unit)

Chart Mitsubishi Electric Intelligent Power Modules (IPM) Sales Volume, Price, Revenue and Gross margin 2017-2022

Chart Mitsubishi Electric Intelligent Power Modules (IPM) Business Distribution Chart Mitsubishi Electric Interview Record (Partly)

Chart Mitsubishi Electric Intelligent Power Modules (IPM) Business Profile

Table Mitsubishi Electric Intelligent Power Modules (IPM) Product Specification

Chart United States Intelligent Power Modules (IPM) Sales Volume (Units) and Market Size (Million \$) 2017-2022

Chart United States Intelligent Power Modules (IPM) Sales Price (USD/Unit) 2017-2022 Chart Canada Intelligent Power Modules (IPM) Sales Volume (Units) and Market Size (Million \$) 2017-2022



Chart Canada Intelligent Power Modules (IPM) Sales Price (USD/Unit) 2017-2022 Chart Mexico Intelligent Power Modules (IPM) Sales Volume (Units) and Market Size (Million \$) 2017-2022

Chart Mexico Intelligent Power Modules (IPM) Sales Price (USD/Unit) 2017-2022 Chart Brazil Intelligent Power Modules (IPM) Sales Volume (Units) and Market Size (Million \$) 2017-2022

Chart Brazil Intelligent Power Modules (IPM) Sales Price (USD/Unit) 2017-2022 Chart Argentina Intelligent Power Modules (IPM) Sales Volume (Units) and Market Size (Million \$) 2017-2022

Chart Argentina Intelligent Power Modules (IPM) Sales Price (USD/Unit) 2017-2022 Chart China Intelligent Power Modules (IPM) Sales Volume (Units) and Market Size (Million \$) 2017-2022

Chart China Intelligent Power Modules (IPM) Sales Price (USD/Unit) 2017-2022 Chart Japan Intelligent Power Modules (IPM) Sales Volume (Units) and Market Size (Million \$) 2017-2022

Chart Japan Intelligent Power Modules (IPM) Sales Price (USD/Unit) 2017-2022 Chart India Intelligent Power Modules (IPM) Sales Volume (Units) and Market Size (Million \$) 2017-2022

Chart India Intelligent Power Modules (IPM) Sales Price (USD/Unit) 2017-2022 Chart Korea Intelligent Power Modules (IPM) Sales Volume (Units) and Market Size (Million \$) 2017-2022

Chart Korea Intelligent Power Modules (IPM) Sales Price (USD/Unit) 2017-2022 Chart Southeast Asia Intelligent Power Modules (IPM) Sales Volume (Units) and Market Size (Million \$) 2017-2022

Chart Southeast Asia Intelligent Power Modules (IPM) Sales Price (USD/Unit) 2017-2022

Chart Germany Intelligent Power Modules (IPM) Sales Volume (Units) and Market Size (Million \$) 2017-2022

Chart Germany Intelligent Power Modules (IPM) Sales Price (USD/Unit) 2017-2022 Chart UK Intelligent Power Modules (IPM) Sales Volume (Units) and Market Size (Million \$) 2017-2022

Chart UK Intelligent Power Modules (IPM) Sales Price (USD/Unit) 2017-2022 Chart France Intelligent Power Modules (IPM) Sales Volume (Units) and Market Size (Million \$) 2017-2022

Chart France Intelligent Power Modules (IPM) Sales Price (USD/Unit) 2017-2022 Chart Spain Intelligent Power Modules (IPM) Sales Volume (Units) and Market Size (Million \$) 2017-2022

Chart Spain Intelligent Power Modules (IPM) Sales Price (USD/Unit) 2017-2022 Chart Russia Intelligent Power Modules (IPM) Sales Volume (Units) and Market Size



(Million \$) 2017-2022

Chart Russia Intelligent Power Modules (IPM) Sales Price (USD/Unit) 2017-2022 Chart Italy Intelligent Power Modules (IPM) Sales Volume (Units) and Market Size (Million \$) 2017-2022

Chart Italy Intelligent Power Modules (IPM) Sales Price (USD/Unit) 2017-2022 Chart Middle East Intelligent Power Modules (IPM) Sales Volume (Units) and Market Size (Million \$) 2017-2022

Chart Middle East Intelligent Power Modules (IPM) Sales Price (USD/Unit) 2017-2022 Chart South Africa Intelligent Power Modules (IPM) Sales Volume (Units) and Market Size (Million \$) 2017-2022

Chart South Africa Intelligent Power Modules (IPM) Sales Price (USD/Unit) 2017-2022 Chart Egypt Intelligent Power Modules (IPM) Sales Volume (Units) and Market Size (Million \$) 2017-2022

Chart Egypt Intelligent Power Modules (IPM) Sales Price (USD/Unit) 2017-2022 Chart Global Intelligent Power Modules (IPM) Market Segment Sales Volume (Units) by Region 2017-2022

Chart Global Intelligent Power Modules (IPM) Market Segment Sales Volume (Units) Share by Region 2017-2022

Chart Global Intelligent Power Modules (IPM) Market Segment Market size (Million \$) by Region 2017-2022

Chart Global Intelligent Power Modules (IPM) Market Segment Market size (Million \$) Share by Region 2017-2022

Chart Global Intelligent Power Modules (IPM) Market Segment Sales Volume (Units) by Country 2017-2022

Chart Global Intelligent Power Modules (IPM) Market Segment Sales Volume (Units) Share by Country 2017-2022

Chart Global Intelligent Power Modules (IPM) Market Segment Market size (Million \$) by Country 2017-2022

Chart Global Intelligent Power Modules (IPM) Market Segment Market size (Million \$) Share by Country 2017-2022

Chart IGBT-IPM Product Figure

Chart IGBT-IPM Product Description

Chart MOSFET-IPM Product Figure

Chart MOSFET-IPM Product Description

Chart Intelligent Power Modules (IPM) Sales Volume by Type (Units) 2017-2022

Chart Intelligent Power Modules (IPM) Sales Volume (Units) Share by Type

Chart Intelligent Power Modules (IPM) Market Size by Type (Million \$) 2017-2022

Chart Intelligent Power Modules (IPM) Market Size (Million \$) Share by Type Chart Different Intelligent Power Modules (IPM) Product Type Price (USD/Unit)



#### 2017-2022

Chart Intelligent Power Modules (IPM) Sales Volume by Application (Units) 2017-2022 Chart Intelligent Power Modules (IPM) Sales Volume (Units) Share by Application Chart Intelligent Power Modules (IPM) Market Size by Application (Million \$) 2017-2022 Chart Intelligent Power Modules (IPM) Market Size (Million \$) Share by Application Chart Intelligent Power Modules (IPM) Price in Different Application Field 2017-2022 Chart Global Intelligent Power Modules (IPM) Market Segment (By Channel) Sales Volume (Units) 2017-2022 Chart Global Intelligent Power Modules (IPM) Market Segment (By Channel) Share 2017-2022 Chart Intelligent Power Modules (IPM) Segment Market Sales Volume (Units) Forecast (by Region) 2023-2028 Chart Intelligent Power Modules (IPM) Segment Market Sales Volume Forecast (By Region) Share 2023-2028 Chart Intelligent Power Modules (IPM) Segment Market Size (Million USD) Forecast (By Region) 2023-2028 Chart Intelligent Power Modules (IPM) Segment Market Size Forecast (By Region) Share 2023-2028 Chart Intelligent Power Modules (IPM) Market Segment (By Type) Volume (Units) 2023-2028 Chart Intelligent Power Modules (IPM) Market Segment (By Type) Volume (Units) Share 2023-2028 Chart Intelligent Power Modules (IPM) Market Segment (By Type) Market Size (Million \$) 2023-2028 Chart Intelligent Power Modules (IPM) Market Segment (By Type) Market Size (Million \$) 2023-2028 Chart Intelligent Power Modules (IPM) Market Segment (By Application) Market Size (Volume) 2023-2028 Chart Intelligent Power Modules (IPM) Market Segment (By Application) Market Size (Volume) Share 2023-2028 Chart Intelligent Power Modules (IPM) Market Segment (By Application) Market Size (Value) 2023-2028 Chart Intelligent Power Modules (IPM) Market Segment (By Application) Market Size (Value) Share 2023-2028 Chart Global Intelligent Power Modules (IPM) Market Segment (By Channel) Sales Volume (Units) 2023-2028

Chart Global Intelligent Power Modules (IPM) Market Segment (By Channel) Share 2023-2028

Chart Global Intelligent Power Modules (IPM) Price Forecast 2023-2028



Chart Automotive Customers Chart Household Appliances Customers Chart New Energy Power Generation Customers Chart Industrial Control Customers Chart Rail Transit Customers



### I would like to order

Product name: Global Intelligent Power Modules (IPM) Market Status, Trends and COVID-19 Impact Report 2022

Product link: https://marketpublishers.com/r/G9B8C0A53694EN.html

Price: US\$ 2,350.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

### Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <u>https://marketpublishers.com/r/G9B8C0A53694EN.html</u>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name: Last name: Email: Company: Address: City: Zip code: Country: Tel: Fax: Your message:

\*\*All fields are required

Custumer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <u>https://marketpublishers.com/docs/terms.html</u>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970



Global Intelligent Power Modules (IPM) Market Status, Trends and COVID-19 Impact Report 2022