

# Module Level Power Electronics (MLPE) Industry Research Report 2024

<https://marketpublishers.com/r/M02014C38A91EN.html>

Date: April 2024

Pages: 118

Price: US\$ 2,950.00 (Single User License)

ID: M02014C38A91EN

## Abstracts

### Summary

Module Level Power Electronics (MLPE), is the collective term for AC microinverter and DC Power Optimiser solar systems. Direct current (DC) power optimizers and microinverters (together known as module-level power electronics, or MLPE) are one of the fastest growing market segments in the solar industry.

According to APO Research, The global Module Level Power Electronics (MLPE) market was valued at US\$ million in 2023 and is anticipated to reach US\$ million by 2030, witnessing a CAGR of xx% during the forecast period 2024-2030.

North American market for Module Level Power Electronics (MLPE) is estimated to increase from \$ million in 2024 to reach \$ million by 2030, at a CAGR of % during the forecast period of 2025 through 2030.

Asia-Pacific market for Module Level Power Electronics (MLPE) is estimated to increase from \$ million in 2024 to reach \$ million by 2030, at a CAGR of % during the forecast period of 2025 through 2030.

Europe market for Module Level Power Electronics (MLPE) is estimated to increase from \$ million in 2024 to reach \$ million by 2030, at a CAGR of % during the forecast period of 2025 through 2030.

The major global manufacturers of Module Level Power Electronics (MLPE) include etc. In 2023, the world's top three vendors accounted for approximately % of the revenue.

## Report Scope

This report aims to provide a comprehensive presentation of the global market for Module Level Power Electronics (MLPE), with both quantitative and qualitative analysis, to help readers develop business/growth strategies, assess the market competitive situation, analyze their position in the current marketplace, and make informed business decisions regarding Module Level Power Electronics (MLPE).

The report will help the Module Level Power Electronics (MLPE) manufacturers, new entrants, and industry chain related companies in this market with information on the revenues, sales volume, and average price for the overall market and the sub-segments across the different segments, by company, by Type, by Application, and by regions.

The Module Level Power Electronics (MLPE) market size, estimations, and forecasts are provided in terms of sales volume (M Watts) and revenue (\$ millions), considering 2023 as the base year, with history and forecast data for the period from 2019 to 2030. This report segments the global Module Level Power Electronics (MLPE) market comprehensively. Regional market sizes, concerning products by Type, by Application, and by players, are also provided. For a more in-depth understanding of the market, the report provides profiles of the competitive landscape, key competitors, and their respective market ranks. The report also discusses technological trends and new product developments.

## Key Companies & Market Share Insights

In this section, the readers will gain an understanding of the key players competing. This report has studied the key growth strategies, such as innovative trends and developments, intensification of product portfolio, mergers and acquisitions, collaborations, new product innovation, and geographical expansion, undertaken by these participants to maintain their presence. Apart from business strategies, the study includes current developments and key financials. The readers will also get access to the data related to global revenue, price, and sales by manufacturers for the period 2019-2024. This all-inclusive report will certainly serve the clients to stay updated and make effective decisions in their businesses. Some of the prominent players reviewed in the research report include:

Solar Edge

Enphase

Tigo/SMA

APSystems

i-Energy

Lead Solar

Chilicon

BM Solar

Sparq

#### Module Level Power Electronics (MLPE) segment by Type

Power Optimizer

Microinverter

#### Module Level Power Electronics (MLPE) segment by Application

Residential

Commercial

#### Module Level Power Electronics (MLPE) Segment by Region

North America

U.S.

Canada

Europe

Germany

France

U.K.

Italy

Russia

#### Asia-Pacific

China

Japan

South Korea

India

Australia

China Taiwan

Indonesia

Thailand

Malaysia

#### Latin America

Mexico

Brazil

Argentina

## Middle East & Africa

Turkey

Saudi Arabia

UAE

## Key Drivers & Barriers

High-impact rendering factors and drivers have been studied in this report to aid the readers to understand the general development. Moreover, the report includes restraints and challenges that may act as stumbling blocks on the way of the players. This will assist the users to be attentive and make informed decisions related to business. Specialists have also laid their focus on the upcoming business prospects.

## Reasons to Buy This Report

1. This report will help the readers to understand the competition within the industries and strategies for the competitive environment to enhance the potential profit. The report also focuses on the competitive landscape of the global Module Level Power Electronics (MLPE) market, and introduces in detail the market share, industry ranking, competitor ecosystem, market performance, new product development, operation situation, expansion, and acquisition. etc. of the main players, which helps the readers to identify the main competitors and deeply understand the competition pattern of the market.
2. This report will help stakeholders to understand the global industry status and trends of Module Level Power Electronics (MLPE) and provides them with information on key market drivers, restraints, challenges, and opportunities.
3. This report will help stakeholders to understand competitors better and gain more insights to strengthen their position in their businesses. The competitive landscape section includes the market share and rank (in volume and value), competitor ecosystem, new product development, expansion, and acquisition.
4. This report stays updated with novel technology integration, features, and the latest developments in the market

5. This report helps stakeholders to gain insights into which regions to target globally

6. This report helps stakeholders to gain insights into the end-user perception concerning the adoption of Module Level Power Electronics (MLPE).

7. This report helps stakeholders to identify some of the key players in the market and understand their valuable contribution.

## Chapter Outline

Chapter 1: Research objectives, research methods, data sources, data cross-validation;

Chapter 2: Introduces the report scope of the report, executive summary of different market segments (by region, product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the market and its likely evolution in the short to mid-term, and long term.

Chapter 3: Detailed analysis of Module Level Power Electronics (MLPE) manufacturers competitive landscape, price, production and value market share, latest development plan, merger, and acquisition information, etc.

Chapter 4: Provides profiles of key players, introducing the basic situation of the main companies in the market in detail, including product production/output, value, price, gross margin, product introduction, recent development, etc.

Chapter 5: Production/output, value of Module Level Power Electronics (MLPE) by region/country. It provides a quantitative analysis of the market size and development potential of each region in the next six years.

Chapter 6: Consumption of Module Level Power Electronics (MLPE) in regional level and country level. It provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and production of each country in the world.

Chapter 7: Provides the analysis of various market segments by type, covering the market size and development potential of each market segment, to help readers find the

blue ocean market in different market segments.

Chapter 8: Provides the analysis of various market segments by application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 9: Analysis of industrial chain, including the upstream and downstream of the industry.

Chapter 10: Introduces the market dynamics, latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 11: The main points and conclusions of the report.

## Contents

### 1 PREFACE

- 1.1 Scope of Report
- 1.2 Reasons for Doing This Study
- 1.3 Research Methodology
- 1.4 Research Process
- 1.5 Data Source
  - 1.5.1 Secondary Sources
  - 1.5.2 Primary Sources

### 2 MARKET OVERVIEW

- 2.1 Product Definition
- 2.2 Module Level Power Electronics (MLPE) by Type
  - 2.2.1 Market Value Comparison by Type (2019 VS 2023 VS 2030) & (US\$ Million)
  - 2.2.2 Power Optimizer
  - 2.2.3 Microinverter
- 2.3 Module Level Power Electronics (MLPE) by Application
  - 2.3.1 Market Value Comparison by Application (2019 VS 2023 VS 2030) & (US\$ Million)
  - 2.3.2 Residential
  - 2.3.3 Commercial
- 2.4 Global Market Growth Prospects
  - 2.4.1 Global Module Level Power Electronics (MLPE) Production Value Estimates and Forecasts (2019-2030)
  - 2.4.2 Global Module Level Power Electronics (MLPE) Production Capacity Estimates and Forecasts (2019-2030)
  - 2.4.3 Global Module Level Power Electronics (MLPE) Production Estimates and Forecasts (2019-2030)
  - 2.4.4 Global Module Level Power Electronics (MLPE) Market Average Price (2019-2030)

### 3 MARKET COMPETITIVE LANDSCAPE BY MANUFACTURERS

- 3.1 Global Module Level Power Electronics (MLPE) Production by Manufacturers (2019-2024)
- 3.2 Global Module Level Power Electronics (MLPE) Production Value by Manufacturers



(2019-2024)

3.3 Global Module Level Power Electronics (MLPE) Average Price by Manufacturers (2019-2024)

3.4 Global Module Level Power Electronics (MLPE) Industry Manufacturers Ranking, 2022 VS 2023 VS 2024

3.5 Global Module Level Power Electronics (MLPE) Key Manufacturers, Manufacturing Sites & Headquarters

3.6 Global Module Level Power Electronics (MLPE) Manufacturers, Product Type & Application

3.7 Global Module Level Power Electronics (MLPE) Manufacturers, Date of Enter into This Industry

3.8 Global Module Level Power Electronics (MLPE) Market CR5 and HHI

3.9 Global Manufacturers Mergers & Acquisition

## **4 MANUFACTURERS PROFILED**

### 4.1 Solar Edge

4.1.1 Solar Edge Module Level Power Electronics (MLPE) Company Information

4.1.2 Solar Edge Module Level Power Electronics (MLPE) Business Overview

4.1.3 Solar Edge Module Level Power Electronics (MLPE) Production, Value and Gross Margin (2019-2024)

4.1.4 Solar Edge Product Portfolio

4.1.5 Solar Edge Recent Developments

### 4.2 Enphase

4.2.1 Enphase Module Level Power Electronics (MLPE) Company Information

4.2.2 Enphase Module Level Power Electronics (MLPE) Business Overview

4.2.3 Enphase Module Level Power Electronics (MLPE) Production, Value and Gross Margin (2019-2024)

4.2.4 Enphase Product Portfolio

4.2.5 Enphase Recent Developments

### 4.3 Tigo/SMA

4.3.1 Tigo/SMA Module Level Power Electronics (MLPE) Company Information

4.3.2 Tigo/SMA Module Level Power Electronics (MLPE) Business Overview

4.3.3 Tigo/SMA Module Level Power Electronics (MLPE) Production, Value and Gross Margin (2019-2024)

4.3.4 Tigo/SMA Product Portfolio

4.3.5 Tigo/SMA Recent Developments

### 4.4 APSystems

4.4.1 APSystems Module Level Power Electronics (MLPE) Company Information

- 4.4.2 APSystems Module Level Power Electronics (MLPE) Business Overview
- 4.4.3 APSystems Module Level Power Electronics (MLPE) Production, Value and Gross Margin (2019-2024)
- 4.4.4 APSystems Product Portfolio
- 4.4.5 APSystems Recent Developments
- 4.5 i-Energy
  - 4.5.1 i-Energy Module Level Power Electronics (MLPE) Company Information
  - 4.5.2 i-Energy Module Level Power Electronics (MLPE) Business Overview
  - 4.5.3 i-Energy Module Level Power Electronics (MLPE) Production, Value and Gross Margin (2019-2024)
  - 4.5.4 i-Energy Product Portfolio
  - 4.5.5 i-Energy Recent Developments
- 4.6 Lead Solar
  - 4.6.1 Lead Solar Module Level Power Electronics (MLPE) Company Information
  - 4.6.2 Lead Solar Module Level Power Electronics (MLPE) Business Overview
  - 4.6.3 Lead Solar Module Level Power Electronics (MLPE) Production, Value and Gross Margin (2019-2024)
  - 4.6.4 Lead Solar Product Portfolio
  - 4.6.5 Lead Solar Recent Developments
- 4.7 Chilicon
  - 4.7.1 Chilicon Module Level Power Electronics (MLPE) Company Information
  - 4.7.2 Chilicon Module Level Power Electronics (MLPE) Business Overview
  - 4.7.3 Chilicon Module Level Power Electronics (MLPE) Production, Value and Gross Margin (2019-2024)
  - 4.7.4 Chilicon Product Portfolio
  - 4.7.5 Chilicon Recent Developments
- 4.8 BM Solar
  - 4.8.1 BM Solar Module Level Power Electronics (MLPE) Company Information
  - 4.8.2 BM Solar Module Level Power Electronics (MLPE) Business Overview
  - 4.8.3 BM Solar Module Level Power Electronics (MLPE) Production, Value and Gross Margin (2019-2024)
  - 4.8.4 BM Solar Product Portfolio
  - 4.8.5 BM Solar Recent Developments
- 4.9 Sparq
  - 4.9.1 Sparq Module Level Power Electronics (MLPE) Company Information
  - 4.9.2 Sparq Module Level Power Electronics (MLPE) Business Overview
  - 4.9.3 Sparq Module Level Power Electronics (MLPE) Production, Value and Gross Margin (2019-2024)
  - 4.9.4 Sparq Product Portfolio

#### 4.9.5 Sparq Recent Developments

## **5 GLOBAL MODULE LEVEL POWER ELECTRONICS (MLPE) PRODUCTION BY REGION**

5.1 Global Module Level Power Electronics (MLPE) Production Estimates and Forecasts by Region: 2019 VS 2023 VS 2030

5.2 Global Module Level Power Electronics (MLPE) Production by Region: 2019-2030

5.2.1 Global Module Level Power Electronics (MLPE) Production by Region: 2019-2024

5.2.2 Global Module Level Power Electronics (MLPE) Production Forecast by Region (2025-2030)

5.3 Global Module Level Power Electronics (MLPE) Production Value Estimates and Forecasts by Region: 2019 VS 2023 VS 2030

5.4 Global Module Level Power Electronics (MLPE) Production Value by Region: 2019-2030

5.4.1 Global Module Level Power Electronics (MLPE) Production Value by Region: 2019-2024

5.4.2 Global Module Level Power Electronics (MLPE) Production Value Forecast by Region (2025-2030)

5.5 Global Module Level Power Electronics (MLPE) Market Price Analysis by Region (2019-2024)

5.6 Global Module Level Power Electronics (MLPE) Production and Value, YOY Growth

5.6.1 North America Module Level Power Electronics (MLPE) Production Value Estimates and Forecasts (2019-2030)

5.6.2 Europe Module Level Power Electronics (MLPE) Production Value Estimates and Forecasts (2019-2030)

5.6.3 China Module Level Power Electronics (MLPE) Production Value Estimates and Forecasts (2019-2030)

5.6.4 Middle East Module Level Power Electronics (MLPE) Production Value Estimates and Forecasts (2019-2030)

5.6.5 China Taiwan Module Level Power Electronics (MLPE) Production Value Estimates and Forecasts (2019-2030)

## **6 GLOBAL MODULE LEVEL POWER ELECTRONICS (MLPE) CONSUMPTION BY REGION**

6.1 Global Module Level Power Electronics (MLPE) Consumption Estimates and Forecasts by Region: 2019 VS 2023 VS 2030

## 6.2 Global Module Level Power Electronics (MLPE) Consumption by Region (2019-2030)

### 6.2.1 Global Module Level Power Electronics (MLPE) Consumption by Region: 2019-2030

### 6.2.2 Global Module Level Power Electronics (MLPE) Forecasted Consumption by Region (2025-2030)

## 6.3 North America

### 6.3.1 North America Module Level Power Electronics (MLPE) Consumption Growth Rate by Country: 2019 VS 2023 VS 2030

### 6.3.2 North America Module Level Power Electronics (MLPE) Consumption by Country (2019-2030)

#### 6.3.3 U.S.

#### 6.3.4 Canada

## 6.4 Europe

### 6.4.1 Europe Module Level Power Electronics (MLPE) Consumption Growth Rate by Country: 2019 VS 2023 VS 2030

### 6.4.2 Europe Module Level Power Electronics (MLPE) Consumption by Country (2019-2030)

#### 6.4.3 Germany

#### 6.4.4 France

#### 6.4.5 U.K.

#### 6.4.6 Italy

#### 6.4.7 Russia

## 6.5 Asia Pacific

### 6.5.1 Asia Pacific Module Level Power Electronics (MLPE) Consumption Growth Rate by Country: 2019 VS 2023 VS 2030

### 6.5.2 Asia Pacific Module Level Power Electronics (MLPE) Consumption by Country (2019-2030)

#### 6.5.3 China

#### 6.5.4 Japan

#### 6.5.5 South Korea

#### 6.5.6 China Taiwan

#### 6.5.7 Southeast Asia

#### 6.5.8 India

#### 6.5.9 Australia

## 6.6 Latin America, Middle East & Africa

### 6.6.1 Latin America, Middle East & Africa Module Level Power Electronics (MLPE) Consumption Growth Rate by Country: 2019 VS 2023 VS 2030

### 6.6.2 Latin America, Middle East & Africa Module Level Power Electronics (MLPE)

## Consumption by Country (2019-2030)

6.6.3 Mexico

6.6.4 Brazil

6.6.5 Turkey

6.6.5 GCC Countries

## 7 SEGMENT BY TYPE

### 7.1 Global Module Level Power Electronics (MLPE) Production by Type (2019-2030)

7.1.1 Global Module Level Power Electronics (MLPE) Production by Type (2019-2030) & (M Watts)

7.1.2 Global Module Level Power Electronics (MLPE) Production Market Share by Type (2019-2030)

7.2 Global Module Level Power Electronics (MLPE) Production Value by Type (2019-2030)

7.2.1 Global Module Level Power Electronics (MLPE) Production Value by Type (2019-2030) & (US\$ Million)

7.2.2 Global Module Level Power Electronics (MLPE) Production Value Market Share by Type (2019-2030)

7.3 Global Module Level Power Electronics (MLPE) Price by Type (2019-2030)

## 8 SEGMENT BY APPLICATION

8.1 Global Module Level Power Electronics (MLPE) Production by Application (2019-2030)

8.1.1 Global Module Level Power Electronics (MLPE) Production by Application (2019-2030) & (M Watts)

8.1.2 Global Module Level Power Electronics (MLPE) Production by Application (2019-2030) & (M Watts)

8.2 Global Module Level Power Electronics (MLPE) Production Value by Application (2019-2030)

8.2.1 Global Module Level Power Electronics (MLPE) Production Value by Application (2019-2030) & (US\$ Million)

8.2.2 Global Module Level Power Electronics (MLPE) Production Value Market Share by Application (2019-2030)

8.3 Global Module Level Power Electronics (MLPE) Price by Application (2019-2030)

## 9 VALUE CHAIN AND SALES CHANNELS ANALYSIS OF THE MARKET

## 9.1 Module Level Power Electronics (MLPE) Value Chain Analysis

### 9.1.1 Module Level Power Electronics (MLPE) Key Raw Materials

### 9.1.2 Raw Materials Key Suppliers

### 9.1.3 Module Level Power Electronics (MLPE) Production Mode & Process

## 9.2 Module Level Power Electronics (MLPE) Sales Channels Analysis

### 9.2.1 Direct Comparison with Distribution Share

### 9.2.2 Module Level Power Electronics (MLPE) Distributors

### 9.2.3 Module Level Power Electronics (MLPE) Customers

## **10 GLOBAL MODULE LEVEL POWER ELECTRONICS (MLPE) ANALYZING MARKET DYNAMICS**

### 10.1 Module Level Power Electronics (MLPE) Industry Trends

### 10.2 Module Level Power Electronics (MLPE) Industry Drivers

### 10.3 Module Level Power Electronics (MLPE) Industry Opportunities and Challenges

### 10.4 Module Level Power Electronics (MLPE) Industry Restraints

## **11 REPORT CONCLUSION**

## **12 DISCLAIMER**

## List Of Tables

### LIST OF TABLES

Table 1. Secondary Sources

Table 2. Primary Sources

Table 3. Market Value Comparison by Type (2019 VS 2023 VS 2030) & (US\$ Million)

Table 4. Market Value Comparison by Application (2019 VS 2023 VS 2030) & (US\$ Million)

Table 5. Global Module Level Power Electronics (MLPE) Production by Manufacturers (M Watts) & (2019-2024)

Table 6. Global Module Level Power Electronics (MLPE) Production Market Share by Manufacturers

Table 7. Global Module Level Power Electronics (MLPE) Production Value by Manufacturers (US\$ Million) & (2019-2024)

Table 8. Global Module Level Power Electronics (MLPE) Production Value Market Share by Manufacturers (2019-2024)

Table 9. Global Module Level Power Electronics (MLPE) Average Price (USD/Watt) of Key Manufacturers (2019-2024)

Table 10. Global Module Level Power Electronics (MLPE) Industry Manufacturers Ranking, 2022 VS 2023 VS 2024

Table 11. Global Module Level Power Electronics (MLPE) Manufacturers, Product Type & Application

Table 12. Global Manufacturers Market Concentration Ratio (CR5 and HHI)

Table 13. Global Module Level Power Electronics (MLPE) by Manufacturers Type (Tier 1, Tier 2, and Tier 3) & (based on the Production Value of 2023)

Table 14. Manufacturers Mergers & Acquisitions, Expansion Plans)

Table 15. Solar Edge Module Level Power Electronics (MLPE) Company Information

Table 16. Solar Edge Business Overview

Table 17. Solar Edge Module Level Power Electronics (MLPE) Production (M Watts), Value (US\$ Million), Price (USD/Watt) and Gross Margin (2019-2024)

Table 18. Solar Edge Product Portfolio

Table 19. Solar Edge Recent Developments

Table 20. Enphase Module Level Power Electronics (MLPE) Company Information

Table 21. Enphase Business Overview

Table 22. Enphase Module Level Power Electronics (MLPE) Production (M Watts), Value (US\$ Million), Price (USD/Watt) and Gross Margin (2019-2024)

Table 23. Enphase Product Portfolio

Table 24. Enphase Recent Developments

Table 25. Tigo/SMA Module Level Power Electronics (MLPE) Company Information

Table 26. Tigo/SMA Business Overview

Table 27. Tigo/SMA Module Level Power Electronics (MLPE) Production (M Watts), Value (US\$ Million), Price (USD/Watt) and Gross Margin (2019-2024)

Table 28. Tigo/SMA Product Portfolio

Table 29. Tigo/SMA Recent Developments

Table 30. APSystems Module Level Power Electronics (MLPE) Company Information

Table 31. APSystems Business Overview

Table 32. APSystems Module Level Power Electronics (MLPE) Production (M Watts), Value (US\$ Million), Price (USD/Watt) and Gross Margin (2019-2024)

Table 33. APSystems Product Portfolio

Table 34. APSystems Recent Developments

Table 35. i-Energy Module Level Power Electronics (MLPE) Company Information

Table 36. i-Energy Business Overview

Table 37. i-Energy Module Level Power Electronics (MLPE) Production (M Watts), Value (US\$ Million), Price (USD/Watt) and Gross Margin (2019-2024)

Table 38. i-Energy Product Portfolio

Table 39. i-Energy Recent Developments

Table 40. Lead Solar Module Level Power Electronics (MLPE) Company Information

Table 41. Lead Solar Business Overview

Table 42. Lead Solar Module Level Power Electronics (MLPE) Production (M Watts), Value (US\$ Million), Price (USD/Watt) and Gross Margin (2019-2024)

Table 43. Lead Solar Product Portfolio

Table 44. Lead Solar Recent Developments

Table 45. Chilicon Module Level Power Electronics (MLPE) Company Information

Table 46. Chilicon Business Overview

Table 47. Chilicon Module Level Power Electronics (MLPE) Production (M Watts), Value (US\$ Million), Price (USD/Watt) and Gross Margin (2019-2024)

Table 48. Chilicon Product Portfolio

Table 49. Chilicon Recent Developments

Table 50. BM Solar Module Level Power Electronics (MLPE) Company Information

Table 51. BM Solar Business Overview

Table 52. BM Solar Module Level Power Electronics (MLPE) Production (M Watts), Value (US\$ Million), Price (USD/Watt) and Gross Margin (2019-2024)

Table 53. BM Solar Product Portfolio

Table 54. BM Solar Recent Developments

Table 55. Sparq Module Level Power Electronics (MLPE) Company Information

Table 56. Sparq Business Overview

Table 57. Sparq Module Level Power Electronics (MLPE) Production (M Watts), Value



(US\$ Million), Price (USD/Watt) and Gross Margin (2019-2024)

Table 58. Sparq Product Portfolio

Table 59. Sparq Recent Developments

Table 60. Global Module Level Power Electronics (MLPE) Production Comparison by Region: 2019 VS 2023 VS 2030 (M Watts)

Table 61. Global Module Level Power Electronics (MLPE) Production by Region (2019-2024) & (M Watts)

Table 62. Global Module Level Power Electronics (MLPE) Production Market Share by Region (2019-2024)

Table 63. Global Module Level Power Electronics (MLPE) Production Forecast by Region (2025-2030) & (M Watts)

Table 64. Global Module Level Power Electronics (MLPE) Production Market Share Forecast by Region (2025-2030)

Table 65. Global Module Level Power Electronics (MLPE) Production Value Comparison by Region: 2019 VS 2023 VS 2030 (US\$ Million)

Table 66. Global Module Level Power Electronics (MLPE) Production Value by Region (2019-2024) & (US\$ Million)

Table 67. Global Module Level Power Electronics (MLPE) Production Value Market Share by Region (2019-2024)

Table 68. Global Module Level Power Electronics (MLPE) Production Value Forecast by Region (2025-2030) & (US\$ Million)

Table 69. Global Module Level Power Electronics (MLPE) Production Value Market Share Forecast by Region (2025-2030)

Table 70. Global Module Level Power Electronics (MLPE) Market Average Price (USD/Watt) by Region (2019-2024)

Table 71. Global Module Level Power Electronics (MLPE) Consumption Comparison by Region: 2019 VS 2023 VS 2030 (M Watts)

Table 72. Global Module Level Power Electronics (MLPE) Consumption by Region (2019-2024) & (M Watts)

Table 73. Global Module Level Power Electronics (MLPE) Consumption Market Share by Region (2019-2024)

Table 74. Global Module Level Power Electronics (MLPE) Forecasted Consumption by Region (2025-2030) & (M Watts)

Table 75. Global Module Level Power Electronics (MLPE) Forecasted Consumption Market Share by Region (2025-2030)

Table 76. North America Module Level Power Electronics (MLPE) Consumption Growth Rate by Country: 2019 VS 2023 VS 2030 (M Watts)

Table 77. North America Module Level Power Electronics (MLPE) Consumption by Country (2019-2024) & (M Watts)

Table 78. North America Module Level Power Electronics (MLPE) Consumption by Country (2025-2030) & (M Watts)

Table 79. Europe Module Level Power Electronics (MLPE) Consumption Growth Rate by Country: 2019 VS 2023 VS 2030 (M Watts)

Table 80. Europe Module Level Power Electronics (MLPE) Consumption by Country (2019-2024) & (M Watts)

Table 81. Europe Module Level Power Electronics (MLPE) Consumption by Country (2025-2030) & (M Watts)

Table 82. Asia Pacific Module Level Power Electronics (MLPE) Consumption Growth Rate by Country: 2019 VS 2023 VS 2030 (M Watts)

Table 83. Asia Pacific Module Level Power Electronics (MLPE) Consumption by Country (2019-2024) & (M Watts)

Table 84. Asia Pacific Module Level Power Electronics (MLPE) Consumption by Country (2025-2030) & (M Watts)

Table 85. Latin America, Middle East & Africa Module Level Power Electronics (MLPE) Consumption Growth Rate by Country: 2019 VS 2023 VS 2030 (M Watts)

Table 86. Latin America, Middle East & Africa Module Level Power Electronics (MLPE) Consumption by Country (2019-2024) & (M Watts)

Table 87. Latin America, Middle East & Africa Module Level Power Electronics (MLPE) Consumption by Country (2025-2030) & (M Watts)

Table 88. Global Module Level Power Electronics (MLPE) Production by Type (2019-2024) & (M Watts)

Table 89. Global Module Level Power Electronics (MLPE) Production by Type (2025-2030) & (M Watts)

Table 90. Global Module Level Power Electronics (MLPE) Production Market Share by Type (2019-2024)

Table 91. Global Module Level Power Electronics (MLPE) Production Market Share by Type (2025-2030)

Table 92. Global Module Level Power Electronics (MLPE) Production Value by Type (2019-2024) & (US\$ Million)

Table 93. Global Module Level Power Electronics (MLPE) Production Value by Type (2025-2030) & (US\$ Million)

Table 94. Global Module Level Power Electronics (MLPE) Production Value Market Share by Type (2019-2024)

Table 95. Global Module Level Power Electronics (MLPE) Production Value Market Share by Type (2025-2030)

Table 96. Global Module Level Power Electronics (MLPE) Price by Type (2019-2024) & (USD/Watt)

Table 97. Global Module Level Power Electronics (MLPE) Price by Type (2025-2030) &

(USD/Watt)

Table 98. Global Module Level Power Electronics (MLPE) Production by Application (2019-2024) & (M Watts)

Table 99. Global Module Level Power Electronics (MLPE) Production by Application (2025-2030) & (M Watts)

Table 100. Global Module Level Power Electronics (MLPE) Production Market Share by Application (2019-2024)

Table 101. Global Module Level Power Electronics (MLPE) Production Market Share by Application (2025-2030)

Table 102. Global Module Level Power Electronics (MLPE) Production Value by Application (2019-2024) & (US\$ Million)

Table 103. Global Module Level Power Electronics (MLPE) Production Value by Application (2025-2030) & (US\$ Million)

Table 104. Global Module Level Power Electronics (MLPE) Production Value Market Share by Application (2019-2024)

Table 105. Global Module Level Power Electronics (MLPE) Production Value Market Share by Application (2025-2030)

Table 106. Global Module Level Power Electronics (MLPE) Price by Application (2019-2024) & (USD/Watt)

Table 107. Global Module Level Power Electronics (MLPE) Price by Application (2025-2030) & (USD/Watt)

Table 108. Key Raw Materials

Table 109. Raw Materials Key Suppliers

Table 110. Module Level Power Electronics (MLPE) Distributors List

Table 111. Module Level Power Electronics (MLPE) Customers List

Table 112. Module Level Power Electronics (MLPE) Industry Trends

Table 113. Module Level Power Electronics (MLPE) Industry Drivers

Table 114. Module Level Power Electronics (MLPE) Industry Restraints

Table 115. Authors List of This Report

## List Of Figures

### LIST OF FIGURES

Figure 1. Research Methodology

Figure 2. Research Process

Figure 3. Key Executives Interviewed

Figure 4. Module Level Power Electronics (MLPE) Product Picture

Figure 5. Market Value Comparison by Type (2019 VS 2023 VS 2030) & (US\$ Million)

Figure 6. Power Optimizer Product Picture

Figure 7. Microinverter Product Picture

Figure 8. Residential Product Picture

Figure 9. Commercial Product Picture

Figure 10. Global Module Level Power Electronics (MLPE) Production Value (US\$ Million), 2019 VS 2023 VS 2030

Figure 11. Global Module Level Power Electronics (MLPE) Production Value (2019-2030) & (US\$ Million)

Figure 12. Global Module Level Power Electronics (MLPE) Production Capacity (2019-2030) & (M Watts)

Figure 13. Global Module Level Power Electronics (MLPE) Production (2019-2030) & (M Watts)

Figure 14. Global Module Level Power Electronics (MLPE) Average Price (USD/Watt) & (2019-2030)

Figure 15. Global Module Level Power Electronics (MLPE) Key Manufacturers, Manufacturing Sites & Headquarters

Figure 16. Global Module Level Power Electronics (MLPE) Manufacturers, Date of Enter into This Industry

Figure 17. Global Top 5 and 10 Module Level Power Electronics (MLPE) Players Market Share by Production Value in 2023

Figure 18. Manufacturers Type (Tier 1, Tier 2, and Tier 3): 2019 VS 2023

Figure 19. Global Module Level Power Electronics (MLPE) Production Comparison by Region: 2019 VS 2023 VS 2030 (M Watts)

Figure 20. Global Module Level Power Electronics (MLPE) Production Market Share by Region: 2019 VS 2023 VS 2030

Figure 21. Global Module Level Power Electronics (MLPE) Production Value Comparison by Region: 2019 VS 2023 VS 2030 (US\$ Million)

Figure 22. Global Module Level Power Electronics (MLPE) Production Value Market Share by Region: 2019 VS 2023 VS 2030

Figure 23. North America Module Level Power Electronics (MLPE) Production Value

(US\$ Million) Growth Rate (2019-2030)

Figure 24. Europe Module Level Power Electronics (MLPE) Production Value (US\$ Million) Growth Rate (2019-2030)

Figure 25. China Module Level Power Electronics (MLPE) Production Value (US\$ Million) Growth Rate (2019-2030)

Figure 26. Middle East Module Level Power Electronics (MLPE) Production Value (US\$ Million) Growth Rate (2019-2030)

Figure 27. China Taiwan Module Level Power Electronics (MLPE) Production Value (US\$ Million) Growth Rate (2019-2030)

Figure 28. Global Module Level Power Electronics (MLPE) Consumption Comparison by Region: 2019 VS 2023 VS 2030 (M Watts)

Figure 29. Global Module Level Power Electronics (MLPE) Consumption Market Share by Region: 2019 VS 2023 VS 2030

Figure 30. North America Module Level Power Electronics (MLPE) Consumption and Growth Rate (2019-2030) & (M Watts)

Figure 31. North America Module Level Power Electronics (MLPE) Consumption Market Share by Country (2019-2030)

Figure 32. United States Module Level Power Electronics (MLPE) Consumption and Growth Rate (2019-2030) & (M Watts)

Figure 33. Canada Module Level Power Electronics (MLPE) Consumption and Growth Rate (2019-2030) & (M Watts)

Figure 34. Europe Module Level Power Electronics (MLPE) Consumption and Growth Rate (2019-2030) & (M Watts)

Figure 35. Europe Module Level Power Electronics (MLPE) Consumption Market Share by Country (2019-2030)

Figure 36. Germany Module Level Power Electronics (MLPE) Consumption and Growth Rate (2019-2030) & (M Watts)

Figure 37. France Module Level Power Electronics (MLPE) Consumption and Growth Rate (2019-2030) & (M Watts)

Figure 38. U.K. Module Level Power Electronics (MLPE) Consumption and Growth Rate (2019-2030) & (M Watts)

Figure 39. Italy Module Level Power Electronics (MLPE) Consumption and Growth Rate (2019-2030) & (M Watts)

Figure 40. Netherlands Module Level Power Electronics (MLPE) Consumption and Growth Rate (2019-2030) & (M Watts)

Figure 41. Asia Pacific Module Level Power Electronics (MLPE) Consumption and Growth Rate (2019-2030) & (M Watts)

Figure 42. Asia Pacific Module Level Power Electronics (MLPE) Consumption Market Share by Country (2019-2030)

Figure 43. China Module Level Power Electronics (MLPE) Consumption and Growth Rate (2019-2030) & (M Watts)

Figure 44. Japan Module Level Power Electronics (MLPE) Consumption and Growth Rate (2019-2030) & (M Watts)

Figure 45. South Korea Module Level Power Electronics (MLPE) Consumption and Growth Rate (2019-2030) & (M Watts)

Figure 46. China Taiwan Module Level Power Electronics (MLPE) Consumption and Growth Rate (2019-2030) & (M Watts)

Figure 47. Southeast Asia Module Level Power Electronics (MLPE) Consumption and Growth Rate (2019-2030) & (M Watts)

Figure 48. India Module Level Power Electronics (MLPE) Consumption and Growth Rate (2019-2030) & (M Watts)

Figure 49. Australia Module Level Power Electronics (MLPE) Consumption and Growth Rate (2019-2030) & (M Watts)

Figure 50. Latin America, Middle East & Africa Module Level Power Electronics (MLPE) Consumption and Growth Rate (2019-2030) & (M Watts)

Figure 51. Latin America, Middle East & Africa Module Level Power Electronics (MLPE) Consumption Market Share by Country (2019-2030)

Figure 52. Mexico Module Level Power Electronics (MLPE) Consumption and Growth Rate (2019-2030) & (M Watts)

Figure 53. Brazil Module Level Power Electronics (MLPE) Consumption and Growth Rate (2019-2030) & (M Watts)

Figure 54. Turkey Module Level Power Electronics (MLPE) Consumption and Growth Rate (2019-2030) & (M Watts)

Figure 55. GCC Countries Module Level Power Electronics (MLPE) Consumption and Growth Rate (2019-2030) & (M Watts)

Figure 56. Global Module Level Power Electronics (MLPE) Production Market Share by Type (2019-2030)

Figure 57. Global Module Level Power Electronics (MLPE) Production Value Market Share by Type (2019-2030)

Figure 58. Global Module Level Power Electronics (MLPE) Price (USD/Watt) by Type (2019-2030)

Figure 59. Global Module Level Power Electronics (MLPE) Production Market Share by Application (2019-2030)

Figure 60. Global Module Level Power Electronics (MLPE) Production Value Market Share by Application (2019-2030)

Figure 61. Global Module Level Power Electronics (MLPE) Price (USD/Watt) by Application (2019-2030)

Figure 62. Module Level Power Electronics (MLPE) Value Chain

Figure 63. Module Level Power Electronics (MLPE) Production Mode & Process

Figure 64. Direct Comparison with Distribution Share

Figure 65. Distributors Profiles

Figure 66. Module Level Power Electronics (MLPE) Industry Opportunities and Challenges

## I would like to order

Product name: Module Level Power Electronics (MLPE) Industry Research Report 2024

Product link: <https://marketpublishers.com/r/M02014C38A91EN.html>

Price: US\$ 2,950.00 (Single User License / Electronic Delivery)

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

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/M02014C38A91EN.html>

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**

Customer signature \_\_\_\_\_

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

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