

Global CIGS Solar Panels Market Growth 2022-2028

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Abstracts

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CIGS solar panels have stable performance and strong radiation resistance. The photoelectric conversion efficiency is the first among all kinds of thin-film solar cells, which is close to the conversion efficiency of crystalline silicon solar cells, the mainstream product in the market, but the cost is 1/3 of that. It is precisely because of its excellent performance that it is called the next generation of cheap solar cells internationally. It has broad market prospects whether it is used for ground sunlight power generation or for the application of space micro-satellite power supplies.

The global market for CIGS Solar Panels is estimated to increase from US\$ million in 2021 to reach US\$ million by 2028, exhibiting a CAGR of % during 2022-2028. Keeping in mind the uncertainties of COVID-19 and Russia-Ukraine War, we are continuously tracking and evaluating the direct as well as the indirect influence of the pandemic on different end use sectors. These insights are included in the report as a major market contributor.

The APAC CIGS Solar Panels market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

The United States CIGS Solar Panels market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

The Europe CIGS Solar Panels market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

The China CIGS Solar Panels market is expected at value of US\$ million in 2022 and grow at approximately % CAGR during 2022 and 2028.

Global key CIGS Solar Panels players cover Manz, SoloPower, Dr. Eberl MBE-Komponenten GmbH, GSHK and Flisom, etc. In terms of revenue, the global largest two companies occupy a share nearly % in 2021.

Report Coverage

This latest report provides a deep insight into the global CIGS Solar Panels market covering all its essential aspects. This ranges from a macro overview of the market to micro details of the market size, competitive landscape, development trend, niche market, key market drivers and challenges, value chain analysis, etc.

This report aims to provide a comprehensive picture of the global CIGS Solar Panels market, with both quantitative and qualitative data, to help readers understand how the CIGS Solar Panels market scenario changed across the globe during the pandemic and Russia-Ukraine War.

The base year considered for analyses is 2021, while the market estimates and forecasts are given from 2022 to 2028. The market estimates are provided in terms of revenue in USD millions and volume in K Units.

Market Segmentation:

The study segments the CIGS Solar Panels market and forecasts the market size by Type (Reactive Sputtering, Hybrid Sputtering and Co-evaporation), by Application (Offshore PV, Building Glass Curtain Wall, Substrate Glass and Commercial Power Station), and region (APAC, Americas, Europe, and Middle East & Africa).

Segmentation by type

Reactive Sputtering

Hybrid Sputtering

Co-evaporation

Sputter Selenization

Full Sputtering

Electrodeposition

Screen Printing

Segmentation by application

Offshore PV

Building Glass Curtain Wall

Substrate Glass

Commercial Power Station

Others

Segmentation by region

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

Major companies covered

Manz

SoloPower

Dr. Eberl MBE-Komponenten GmbH

GSHK

Flisom

AVANCIS

Solar Frontier

ZSW

Midsummer

AQT Solar

Solyndra

Nanosolar

MiaSol?

DS New Energy

China National Building Material Group Co., Ltd

Hanergy Mobile Energy Holding Group Limited

Kaisheng Technology Group Co., Ltd.

Sun Harmonics Co., Ltd

Chapter Introduction

Chapter 1: Scope of CIGS Solar Panels, Research Methodology, etc.

Chapter 2: Executive Summary, global CIGS Solar Panels market size (sales and revenue) and CAGR, CIGS Solar Panels market size by region, by type, by application, historical data from 2017 to 2022, and forecast to 2028.

Chapter 3: CIGS Solar Panels sales, revenue, average price, global market share, and industry ranking by company, 2017-2022

Chapter 4: Global CIGS Solar Panels sales and revenue by region and by country. Country specific data and market value analysis for the U.S., Canada, Europe, China, Japan, South Korea, Southeast Asia, India, Latin America and Middle East & Africa.

Chapter 5, 6, 7, 8: Americas, APAC, Europe, Middle East & Africa, sales segment by country, by type, and type.

Chapter 9: Analysis of the current market trends, market forecast, opportunities and economic trends that are affecting the future marketplace

Chapter 10: Manufacturing cost structure analysis

Chapter 11: Sales channel, distributors, and customers

Chapter 12: Global CIGS Solar Panels market size forecast by region, by country, by type, and application.

Chapter 13: Comprehensive company profiles of the leading players, including Manz, SoloPower, Dr. Eberl MBE-Komponenten GmbH, GSHK, Flisom, AVANCIS, Solar Frontier, ZSW and Midsummer, etc.

Chapter 14: Research Findings and Conclusion

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