

# Copper Indium Gallium Selenide Solar(CIGS) Cell Market, Global Outlook and Forecast 2022-2028

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## Abstracts

A Copper Indium Gallium Selenide Solar(CIGS) Cell (or CIGS cell, sometimes CI(G)S or CIS cell) is a thin-film solar cell used to convert sunlight into electric power. It is manufactured by depositing a thin layer of copper, indium, gallium and selenium on glass or plastic backing, along with electrodes on the front and back to collect current. Because the material has a high absorption coefficient and strongly absorbs sunlight, a much thinner film is required than of other semiconductor materials.

This report contains market size and forecasts of Copper Indium Gallium Selenide Solar(CIGS) Cell in global, including the following market information:

Global Copper Indium Gallium Selenide Solar(CIGS) Cell Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global Copper Indium Gallium Selenide Solar(CIGS) Cell Market Sales, 2017-2022, 2023-2028, (K Units)

Global top five Copper Indium Gallium Selenide Solar(CIGS) Cell companies in 2021 (%)

The global Copper Indium Gallium Selenide Solar(CIGS) Cell market was valued at million in 2021 and is projected to reach US\$ million by 2028, at a CAGR of % during the forecast period 2022-2028.

The U.S. Market is Estimated at \$ Million in 2021, While China is Forecast to Reach \$ Million by 2028.

1-2 Micrometres Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of Copper Indium Gallium Selenide Solar(CIGS) Cell include Oxford PV, Ascent Solar Technologies, Inc., Tata Power Solar Systems Limited, Manz AG, Jinko Solar Co., Ltd., Hanergy, Bosch Solar Energy AG, Sulfurcell Solartechnik GmbH and Frontier Solar Inc, etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Copper Indium Gallium Selenide Solar(CIGS) Cell manufacturers, suppliers, distributors and industry experts on this industry, involving the sales, revenue, demand, price change, product type, recent development and plan, industry trends, drivers, challenges, obstacles, and potential risks.

Total Market by Segment:

Global Copper Indium Gallium Selenide Solar(CIGS) Cell Market, by Type, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Copper Indium Gallium Selenide Solar(CIGS) Cell Market Segment Percentages, by Type, 2021 (%)

1-2 Micrometres

2-3 Micrometres

3-4 Micrometres

Others

Global Copper Indium Gallium Selenide Solar(CIGS) Cell Market, by Application, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Copper Indium Gallium Selenide Solar(CIGS) Cell Market Segment Percentages, by Application, 2021 (%)

Automobiles

Electronics and Electrical

Energy and Power

Others

Global Copper Indium Gallium Selenide Solar(CIGS) Cell Market, By Region and Country, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

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North America

US

Canada

Mexico

Europe

Germany

France

U.K.

Italy

Russia

Nordic Countries

Benelux

Rest of Europe

## Asia

China

Japan

South Korea

Southeast Asia

India

Rest of Asia

## South America

Brazil

Argentina

Rest of South America

## Middle East & Africa

Turkey

Israel

Saudi Arabia

UAE

Rest of Middle East & Africa

## Competitor Analysis

The report also provides analysis of leading market participants including:

*Copper Indium Gallium Selenide Solar(CIGS) Cell Market, Global Outlook and Forecast 2022-2028*

Key companies Copper Indium Gallium Selenide Solar(CIGS) Cell revenues in global market, 2017-2022 (Estimated), (\$ millions)

Key companies Copper Indium Gallium Selenide Solar(CIGS) Cell revenues share in global market, 2021 (%)

Key companies Copper Indium Gallium Selenide Solar(CIGS) Cell sales in global market, 2017-2022 (Estimated), (K Units)

Key companies Copper Indium Gallium Selenide Solar(CIGS) Cell sales share in global market, 2021 (%)

Further, the report presents profiles of competitors in the market, key players include:

Oxford PV

Ascent Solar Technologies, Inc.

Tata Power Solar Systems Limited

Manz AG

Jinko Solar Co., Ltd.

Hanergy

Bosch Solar Energy AG

Sulfurcell Solartechnik GmbH

Frontier Solar Inc

SoloPower Systems, Inc.

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