

Global Copper Indium Gallium Selenide (CIGS) Photovoltaic Device Supply, Demand and Key Producers, 2023-2029

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Abstracts

The global Copper Indium Gallium Selenide (CIGS) Photovoltaic Device market size is expected to reach \$ 4009.7 million by 2029, rising at a market growth of 5.6% CAGR during the forecast period (2023-2029).

A copper indium gallium selenide solar 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 selenide solid solution 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 studies the global Copper Indium Gallium Selenide (CIGS) Photovoltaic Device production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Copper Indium Gallium Selenide (CIGS) Photovoltaic Device, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of Copper Indium Gallium Selenide (CIGS) Photovoltaic Device that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Copper Indium Gallium Selenide (CIGS) Photovoltaic Device total production and demand, 2018-2029, (K Units)

Global Copper Indium Gallium Selenide (CIGS) Photovoltaic Device total production value, 2018-2029, (USD Million)

Global Copper Indium Gallium Selenide (CIGS) Photovoltaic Device production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Copper Indium Gallium Selenide (CIGS) Photovoltaic Device consumption by region & country, CAGR, 2018-2029 & (K Units)

U.S. VS China: Copper Indium Gallium Selenide (CIGS) Photovoltaic Device domestic production, consumption, key domestic manufacturers and share

Global Copper Indium Gallium Selenide (CIGS) Photovoltaic Device production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (K Units)

Global Copper Indium Gallium Selenide (CIGS) Photovoltaic Device production by Type, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Copper Indium Gallium Selenide (CIGS) Photovoltaic Device production by Application production, value, CAGR, 2018-2029, (USD Million) & (K Units).

This reports profiles key players in the global Copper Indium Gallium Selenide (CIGS) Photovoltaic Device market based on the following parameters – company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Solar Frontier, SoloPower, Stion, Avancis (CNBM), Manz, Dow Solar (NuvoSun), Siva Power, Hanergy and Solibro, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Copper Indium Gallium Selenide (CIGS) Photovoltaic Device market.

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global Copper Indium Gallium Selenide (CIGS) Photovoltaic Device Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Copper Indium Gallium Selenide (CIGS) Photovoltaic Device Market, Segmentation by Type

CIGS Solar Cells

CIS Solar Cells

Global Copper Indium Gallium Selenide (CIGS) Photovoltaic Device Market, Segmentation by Application

Residential

Commercial

Ground Station

Companies Profiled:

Solar Frontier

SoloPower

Stion

Avancis (CNBM)

Manz

Dow Solar (NuvoSun)

Siva Power

Hanergy

Solibro

Miasole

Key Questions Answered

1. How big is the global Copper Indium Gallium Selenide (CIGS) Photovoltaic Device market?
2. What is the demand of the global Copper Indium Gallium Selenide (CIGS) Photovoltaic Device market?
3. What is the year over year growth of the global Copper Indium Gallium Selenide (CIGS) Photovoltaic Device market?
4. What is the production and production value of the global Copper Indium Gallium

Selenide (CIGS) Photovoltaic Device market?

5. Who are the key producers in the global Copper Indium Gallium Selenide (CIGS) Photovoltaic Device market?

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