

Global Gallium Arsenide Solar Cell Production, Demand and Key Producers, 2022-2028

<https://marketpublishers.com/r/G2EC1C219C6FEN.html>

Date: December 2022

Pages: 103

Price: US\$ 4,480.00 (Single User License)

ID: G2EC1C219C6FEN

Abstracts

The forbidden band of gallium arsenide is wider than that of silicon, which makes its spectral responsivity and space solar spectrum matching ability better than silicon. The theoretical efficiency of single-junction GaAs cells reaches 30%, while the theoretical efficiency of multi-junction GaAs cells exceeds 50%.

This report studies the global Gallium Arsenide Solar Cell production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Gallium Arsenide Solar Cell, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2021 as the base year. This report explores demand trends and competition, as well as details the characteristics of Gallium Arsenide Solar Cell that contribute to its increasing demand across many markets.

The global Gallium Arsenide Solar Cell market size is expected to reach \$ million by 2028, rising at a market growth of % CAGR during the forecast period (2022-2028).

Highlights and key features of the study

Global Gallium Arsenide Solar Cell total production and demand, 2017-2028, (MW)

Global Gallium Arsenide Solar Cell total production value, 2017-2028, (USD Million)

Global Gallium Arsenide Solar Cell production by region & country, production, value, CAGR, 2017-2028, (USD Million) & (MW)

Global Gallium Arsenide Solar Cell consumption by region & country, CAGR, 2017-2028 & (MW)

U.S. VS China: Gallium Arsenide Solar Cell domestic production, consumption, key domestic manufacturers and share

Global Gallium Arsenide Solar Cell production by manufacturer, production, price, value and market share 2017-2022, (USD Million) & (MW)

Global Gallium Arsenide Solar Cell production by Type, production, value, CAGR, 2017-2028, (USD Million) & (MW)

Global Gallium Arsenide Solar Cell production by Application production, value, CAGR, 2017-2028, (USD Million) & (MW)

This reports profiles key players in the global Gallium Arsenide Solar Cell market based on the following parameters – headquarters, production locations, products portfolio, Gallium Arsenide Solar Cell revenue, sales, average price and gross margin, recent developments.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Gallium Arsenide Solar Cell market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (MW) and average price (US\$/W) by manufacturer, by Type, and by Application. Data is given for the years 2017-2028 by year with 2021 as the base year, 2022 as the estimate year, and 2028 as the forecast year.

Global Gallium Arsenide Solar Cell Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Global Gallium Arsenide Solar Cell Market, Segmentation by Type

Single Junction GaAs Solar Cells

Multijunction Gallium Arsenide Solar Cells

Global Gallium Arsenide Solar Cell Market, Segmentation by Application

Solar Panels

Concentrating Solar Cells

Companies Profiled:

Gochermann Solar Technology

First Solar

Solar Frontier

Sharp Thin Film

Hanergy

ENN Energy Holdings

Xiamen Changelight

Key Questions Answered

1. How big is the global Gallium Arsenide Solar Cell market?
2. What is the demand of the global Gallium Arsenide Solar Cell market?
3. What is the year over year growth of the global Gallium Arsenide Solar Cell market?
4. What is the production and production value of the global Gallium Arsenide Solar Cell market?
5. Who are the key producers in the global Gallium Arsenide Solar Cell market?
6. What are the growth factors driving the market demand?

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