

# Global Silver-based HJT (Heterojunction) Solar Cell Supply, Demand and Key Producers, 2023-2029

<https://marketpublishers.com/r/GF31915364EEEN.html>

Date: February 2023

Pages: 117

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

ID: GF31915364EEEN

## Abstracts

The global Silver-based HJT (Heterojunction) Solar Cell market size is expected to reach \$ million by 2029, rising at a market growth of % CAGR during the forecast period (2023-2029).

Heterojunction (HJT) is a special PN junction formed of amorphous silicon and crystalline silicon materials. It is a thin film of amorphous silicon deposited on crystalline silicon, which is a type of N-type cell. HJT (Heterojunction with Intrinsic Thinfilm) battery was first successfully developed by Sanyo Corporation of Japan in 1990. Because HJT has been registered as a trademark by Sanyo, it is also called HIT, HDT, or SHJ. The theoretical maximum conversion efficiency of heterojunction cells is 28.5%, which has broad prospects and has been applied on a large scale. This report mainly studies silver-based heterojunction cells.

This report studies the global Silver-based HJT (Heterojunction) Solar Cell production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Silver-based HJT (Heterojunction) Solar Cell, 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 Silver-based HJT (Heterojunction) Solar Cell that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Silver-based HJT (Heterojunction) Solar Cell total production and demand,

2018-2029, (MW)

Global Silver-based HJT (Heterojunction) Solar Cell total production value, 2018-2029, (USD Million)

Global Silver-based HJT (Heterojunction) Solar Cell production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (MW)

Global Silver-based HJT (Heterojunction) Solar Cell consumption by region & country, CAGR, 2018-2029 & (MW)

U.S. VS China: Silver-based HJT (Heterojunction) Solar Cell domestic production, consumption, key domestic manufacturers and share

Global Silver-based HJT (Heterojunction) Solar Cell production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (MW)

Global Silver-based HJT (Heterojunction) Solar Cell production by Type, production, value, CAGR, 2018-2029, (USD Million) & (MW)

Global Silver-based HJT (Heterojunction) Solar Cell production by Application production, value, CAGR, 2018-2029, (USD Million) & (MW)

This reports profiles key players in the global Silver-based HJT (Heterojunction) Solar Cell 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 Panasonic, GS-Solar, REC, Jinneng, Huasun, Akcome, Tw Solar, Longi Green Energy Technology Co.,ltd. and Risen Energy, etc.

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 Silver-based HJT (Heterojunction) 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 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

#### Global Silver-based HJT (Heterojunction) Solar Cell Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

#### Global Silver-based HJT (Heterojunction) Solar Cell Market, Segmentation by Type

Amorphous Silicon HIT Cell

Front Microcrystalline Silicon HIT Cell

Other

#### Global Silver-based HJT (Heterojunction) Solar Cell Market, Segmentation by Application

Commercial Use

Residential Use

**Companies Profiled:**

Panasonic

GS-Solar

REC

Jinneng

Huasu

Akcome

Tw Solar

Longi Green Energy Technology Co.,Ltd.

Risen Energy

Enel (3SUN)

Meyer Burger

Hevel

EcoSolifer

Heliene

Canadian Solar

JA Solar Technology Co.,Ltd.

Gcl System Integration Technology Co.,Ltd.

Shandong Quanwei(Guangdong Guoli Sci&Tech Co.,Ltd.)

## Key Questions Answered

1. How big is the global Silver-based HJT (Heterojunction) Solar Cell market?
2. What is the demand of the global Silver-based HJT (Heterojunction) Solar Cell market?
3. What is the year over year growth of the global Silver-based HJT (Heterojunction) Solar Cell market?
4. What is the production and production value of the global Silver-based HJT (Heterojunction) Solar Cell market?
5. Who are the key producers in the global Silver-based HJT (Heterojunction) Solar Cell market?
6. What are the growth factors driving the market demand?

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