

Global HIT (Heterojunction) Solar Cell Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

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Abstracts

Heterojunctions are commonly formed through the interface of a crystalline silicon substrate and an amorphous Silicon passivation layer in solar cells. The Heterojunction with Intrinsic Thin-Layer (HIT) solar cell structure was first developed in 1983 and commercialised by Sanyo/Panasonic. HIT solar cells now hold the record for the most efficient single-junction silicon solar cell, with a conversion efficiency of 26.7%.

According to our (Global Info Research) latest study, the global HIT (Heterojunction) Solar Cell market size was valued at USD 1577.1 million in 2022 and is forecast to a readjusted size of USD 15030 million by 2029 with a CAGR of 38.0% during review period. The influence of COVID-19 and the Russia-Ukraine War were considered while estimating market sizes.

Global key players of HIT (Heterojunction) Solar Cell include Panasonic, REC, etc. Global top 3 companies hold a share over 50%. Asia is the largest market, with a share about 80%, followed by Europe with the share about 10%. In terms of product, Monofacial Cell is the largest segment, with a share over 50%. And in terms of application, the largest application is PV Power Station, with a share over 70%.

This report is a detailed and comprehensive analysis for global HIT (Heterojunction) Solar Cell market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2023, are provided.

Key Features:

Global HIT (Heterojunction) Solar Cell market size and forecasts, in consumption value (\$ Million), sales quantity (M W), and average selling prices (US\$/W), 2018-2029

Global HIT (Heterojunction) Solar Cell market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (M W), and average selling prices (US\$/W), 2018-2029

Global HIT (Heterojunction) Solar Cell market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (M W), and average selling prices (US\$/W), 2018-2029

Global HIT (Heterojunction) Solar Cell market shares of main players, shipments in revenue (\$ Million), sales quantity (M W), and ASP (US\$/W), 2018-2023

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for HIT (Heterojunction) Solar Cell

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global HIT (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, REC, GS-Solar, Jinergy and HuaSun, etc.

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

Market Segmentation

HIT (Heterojunction) Solar Cell market is split by Type and by Application. For the

period 2018-2029, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Monofacial Cell

Bifacial Cell

Market segment by Application

PV Power Station

Commercial

Residential

Major players covered

Panasonic

REC

GS-Solar

Jinergy

HuaSun

Akcome

TW Solar

Canadian Solar

Risen Energy

Enel (3SUN)

Meyer Burger

Hevel Solar

EcoSolifer

Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe HIT (Heterojunction) Solar Cell product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of HIT (Heterojunction) Solar Cell, with price, sales, revenue and global market share of HIT (Heterojunction) Solar Cell from 2018 to 2023.

Chapter 3, the HIT (Heterojunction) Solar Cell competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the HIT (Heterojunction) Solar Cell breakdown data are shown at the

regional level, to show the sales quantity, consumption value and growth by regions, from 2018 to 2029.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2018 to 2029.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2022. and HIT (Heterojunction) Solar Cell market forecast, by regions, type and application, with sales and revenue, from 2024 to 2029.

Chapter 12, market dynamics, drivers, restraints, trends, Porters Five Forces analysis, and Influence of COVID-19 and Russia-Ukraine War.

Chapter 13, the key raw materials and key suppliers, and industry chain of HIT (Heterojunction) Solar Cell.

Chapter 14 and 15, to describe HIT (Heterojunction) Solar Cell sales channel, distributors, customers, research findings and conclusion.

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