

Global Photovoltaic Cell Recycling Supply, Demand and Key Producers, 2023-2029

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Abstracts

The global Photovoltaic Cell Recycling market size is expected to reach \$ 128.3 million by 2029, rising at a market growth of 2.5% CAGR during the forecast period (2023-2029).

Since the introduction of grid-connected benchmark electricity prices in 2014, domestic photovoltaic power generation installed capacity has grown rapidly and continues to maintain an average annual growth rate of more than 100%. At present, the domestic cumulative installed photovoltaic power generation capacity has exceeded 200GW. It is expected that in 2022, China's cumulative installed photovoltaic power generation capacity will exceed 100%. will exceed 300GW. With the rapid development of photovoltaic power generation, the problem of recycling and reuse of waste photovoltaic modules has also arisen. According to the International Renewable Energy Agency (IRENA), the accumulated photovoltaic module waste worldwide will reach millions of tons by 2030; and by 2050, it will reach tens of millions of tons. According to the prediction of the Institute of Electrical Engineering of the Chinese Academy of Sciences, starting from 2020, the amount of domestic waste photovoltaic modules will also increase significantly. By 2030, domestic waste photovoltaic modules can produce 1.45 million tons of carbon steel, 1.1 million tons of glass, and 540,000 tons of plastics. , 260,000 tons of aluminum, 170,000 tons of copper, 50,000 tons of silicon and 550 tons of silver.

Recycling photovoltaic panels can reuse useful resources, such as aluminum, copper, silicon, etc. These resources can be recycled and regenerated, saving the cost of mining and production of new resources.

This report studies the global Photovoltaic Cell Recycling production, demand, key

manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Photovoltaic Cell Recycling, 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 Photovoltaic Cell Recycling that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Photovoltaic Cell Recycling total production and demand, 2018-2029, (K Units)

Global Photovoltaic Cell Recycling total production value, 2018-2029, (USD Million)

Global Photovoltaic Cell Recycling production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Photovoltaic Cell Recycling consumption by region & country, CAGR, 2018-2029 & (K Units)

U.S. VS China: Photovoltaic Cell Recycling domestic production, consumption, key domestic manufacturers and share

Global Photovoltaic Cell Recycling production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (K Units)

Global Photovoltaic Cell Recycling production by Type, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Photovoltaic Cell Recycling production by Application production, value, CAGR, 2018-2029, (USD Million) & (K Units).

This reports profiles key players in the global Photovoltaic Cell Recycling 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 Veolia, ROSI, ERI, GreenMatch, GEP ECOTECH, Yingli Energy Development Co., Ltd. and State Power Investment Ronghe Investment Co., Ltd., 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 Photovoltaic Cell Recycling 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 Photovoltaic Cell Recycling Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Photovoltaic Cell Recycling Market, Segmentation by Type

Polycrystalline Silicon Solar Panels

Monocrystalline Silicon Solar Panel

Amorphous Silicon Solar Panel

Composite Solar Panels

Global Photovoltaic Cell Recycling Market, Segmentation by Application

Industrial

Business

Others

Companies Profiled:

Veolia

ROSI

ERI

GreenMatch

GEP ECOTECH

Yingli Energy Development Co., Ltd.

State Power Investment Ronghe Investment Co., Ltd.

Key Questions Answered

1. How big is the global Photovoltaic Cell Recycling market?
2. What is the demand of the global Photovoltaic Cell Recycling market?
3. What is the year over year growth of the global Photovoltaic Cell Recycling market?

4. What is the production and production value of the global Photovoltaic Cell Recycling market?

5. Who are the key producers in the global Photovoltaic Cell Recycling market?

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