

Global Organic Photovoltaic Device (OVPD) Supply, Demand and Key Producers, 2023-2029

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Abstracts

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

Organic photovoltaic (OPV) devices, also known as organic solar cells, are solar cells that use organic materials to convert sunlight into electricity. Organic solar cells can harvest energy from indoor light to power IoT devices. This will gradually lead to the phasing out of non-rechargeable batteries for the IoT.

This report studies the global Organic Photovoltaic Device (OVPD) production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Organic Photovoltaic Device (OVPD), 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 Organic Photovoltaic Device (OVPD) that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Organic Photovoltaic Device (OVPD) total production and demand, 2018-2029, (K Units)

Global Organic Photovoltaic Device (OVPD) total production value, 2018-2029, (USD Million)

Global Organic Photovoltaic Device (OVPD) production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Organic Photovoltaic Device (OVPD) consumption by region & country, CAGR, 2018-2029 & (K Units)

U.S. VS China: Organic Photovoltaic Device (OVPD) domestic production, consumption, key domestic manufacturers and share

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

Global Organic Photovoltaic Device (OVPD) production by Type, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Organic Photovoltaic Device (OVPD) production by Application production, value, CAGR, 2018-2029, (USD Million) & (K Units).

This reports profiles key players in the global Organic Photovoltaic Device (OVPD) 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 Heliatek GmbH, ARMOR, Brilliant Matters, Flask, Savvy Science, SunCurtain, Dracula Technologies, InfinityPV ApS and MORESCO Corporation, 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 Organic Photovoltaic Device (OVPD) 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 Organic Photovoltaic Device (OVPD) Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Organic Photovoltaic Device (OVPD) Market, Segmentation by Type

Organic Tandem Solar Cells

PN junction structures (P-N heterojunction)

Dye Sensitised Nanocrystalline Solar Cells (DSSC)

Global Organic Photovoltaic Device (OVPD) Market, Segmentation by Application

Mobile Devices

Aerospace

Military

Consumer Electronics

Others

Companies Profiled:

Heliatek GmbH

ARMOR

Brilliant Matters

Flask

Savvy Science

SunCurtain

Dracula Technologies

InfinityPV ApS

MORESCO Corporation

Alfa Aesar

Solarmer Energy

Merck

Belectric OPV

Ossila

Sumitomo Chemical

DisaSolar(DisaTech)

Heraeus

Eight19

SunPower

Sunew

Epishine

Solivus

NanoFlex Power

Key Questions Answered

1. How big is the global Organic Photovoltaic Device (OVPD) market?
2. What is the demand of the global Organic Photovoltaic Device (OVPD) market?
3. What is the year over year growth of the global Organic Photovoltaic Device (OVPD) market?
4. What is the production and production value of the global Organic Photovoltaic Device (OVPD) market?
5. Who are the key producers in the global Organic Photovoltaic Device (OVPD) market?

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