

2020-2025 Global Solar Cells Market Report - Production and Consumption Professional Analysis (Impact of COVID-19)

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Abstracts

A solar cell, or photovoltaic cell, is an electrical device that converts the energy of light directly into electricity by the photovoltaic effect, which is a physical and chemical phenomenon. It is a form of photoelectric cell, defined as a device whose electrical characteristics, such as current, voltage, or resistance, vary when exposed to light. Individual solar cell devices can be combined to form modules, otherwise known as solar panels. In basic terms a single junction silicon solar cell can produce a maximum open-circuit voltage of approximately 0.5 to 0.6 volts.

This report elaborates the market size, market characteristics, and market growth of the Solar Cells industry, and breaks down according to the type, application, and consumption area of Solar Cells. The report also conducted a PESTEL analysis of the industry to study the main influencing factors and entry barriers of the industry.

In Chapter 3.4 of the report, the impact of the COVID-19 outbreak on the industry was fully assessed. Fully risk assessment and industry recommendations were made for Solar Cells in a special period. This chapter also compares the markets of Pre COVID-19 and Post COVID-19.

In addition, chapters 8-12 consider the impact of COVID-19 on the regional economy.

Key players in the global Solar Cells market covered in Chapter 13:

Motech

LONGi Solar

NEOSolar

Yingli Green
Risen Energy
TONGWEI Solar
JA Solar
Canadian Solar
Trina Solar
GCL-SI
JinkoSolar
Shunfeng
First Solar
Hanwha Q CELLS

In Chapter 6, on the basis of types, the Solar Cells market from 2015 to 2025 is primarily split into:

Polycrystalline
Monocrystalline
Cadmium Telluride (CDTE)
Amorphous Silicon (A-Si)
Copper Indium Gallium Diselenide

In Chapter 7, on the basis of applications, the Solar Cells market from 2015 to 2025 covers:

Residential
Commercial
Utility

Geographically, the detailed analysis of production, trade of the following countries is covered in Chapter 4.2, 5:

United States
Europe
China
Japan
India

Geographically, the detailed analysis of consumption, revenue, market share and growth rate of the following regions are covered in Chapter 8, 9, 10, 11, 12:

North America (Covered in Chapter 8)

United States

Canada

Mexico

Europe (Covered in Chapter 9)

Germany

UK

France

Italy

Spain

Others

Asia-Pacific (Covered in Chapter 10)

China

Japan

India

South Korea

Southeast Asia

Others

Middle East and Africa (Covered in Chapter 11)

Saudi Arabia

UAE

South Africa

Others

South America (Covered in Chapter 12)

Brazil

Others

Years considered for this report:

Historical Years: 2015-2019

Base Year: 2019

Estimated Year: 2020

Forecast Period: 2020-2025

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