

Global Large Size Cell Supply, Demand and Key Producers, 2023-2029

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Abstracts

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

Since 2022, the demand for large-size cells has exceeded expectations, and the market share has reached more than 80%. The shortage of large-size products has promoted the recovery of the overall profitability of cells. The net profit per watt of specialized cell companies is about 3-4 points. Some leading Chinese companies such as Tongwei and Aixu are expected to have a net profit per watt of more than 4 points, and Junda can reach more than 5 points.

From the analysis of cell production capacity, with the release of PERC expansion capacity and the accelerated landing of N-type cell production capacity, coupled with the advantages of high power output and cost-effectiveness of large-scale products, the demand for large-scale ground power stations and distributed projects will drive large-scale. The rapid advancement of large-scale modules, considering the launch of new production capacity in 2023, the production capacity of large-scale cells will reach 800GW in 2023, accounting for more than 90%. In the future, the large-size solar cell market will continue to maintain a good momentum of development, and the main trends will be a tight balance between supply and demand, improved profitability and expanded application fields.

Large-size cells refer to larger-sized solar cells, usually beyond the traditional size standard. The main features of large-size cells are larger area and higher power output. This type of cell usually uses advanced manufacturing processes and technologies, which can provide higher conversion efficiency and higher power density.

This report studies the global Large Size Cell production, demand, key manufacturers, and key regions.

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

Highlights and key features of the study

Global Large Size Cell total production and demand, 2018-2029, (K Units)

Global Large Size Cell total production value, 2018-2029, (USD Million)

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

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

U.S. VS China: Large Size Cell domestic production, consumption, key domestic manufacturers and share

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

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

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

This reports profiles key players in the global Large Size 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, NEDO, LG Energy Solution, Contemporary Amperex Technology Co., Ltd., Tongwei Co., Ltd., BYD Company Limited, Samsung SDI Co., Ltd., S.K Innovation and Northvolt AB, 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 Large Size Cell 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 Large Size Cell Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Large Size Cell Market, Segmentation by Type

166mm(M6)

182mm(M10)

210mm(G12)

Global Large Size Cell Market, Segmentation by Application

Large Ground Power Station

Distributed Photovoltaic Project

Industrial and Commercial Solar System

Others

Companies Profiled:

Panasonic

NEDO

LG Energy Solution

Contemporary Amperex Technology Co., Ltd.

Tongwei Co., Ltd.

BYD Company Limited

Samsung SDI Co., Ltd.

S.K Innovation

Northvolt AB

Envision AESC

Shanghai Aiko Solar Energy Co., Ltd.

Hainan Drinda New Energy Technology Co., Ltd.

Risen Energy Co., Ltd.

Trina Solar Co., Ltd.

LONGi Green Energy Technology Co., Ltd.

JA Solar Technology Co., Ltd.

Zhejiang Runyang New Material Technology Co.,Ltd.

Key Questions Answered

1. How big is the global Large Size Cell market?
2. What is the demand of the global Large Size Cell market?
3. What is the year over year growth of the global Large Size Cell market?
4. What is the production and production value of the global Large Size Cell market?
5. Who are the key producers in the global Large Size Cell market?
6. What are the growth factors driving the market demand?

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