

Mexico Solar Panel Market Size, Share, Trends and Forecast by Type, End Use, and Region, 2026-2034

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Abstracts

The Mexico solar panel market size reached 4.2 GW in 2025. Looking forward, IMARC Group expects the market to reach 17.2 GW by 2034, exhibiting a growth rate (CAGR) of 16.33% during 2026-2034. The market is growing due to rising electricity costs, government incentives, and declining solar technology prices. Increasing environmental awareness and flexible financing options enhance residential adoption, while utility-scale projects expand through favorable policies and corporate PPAs. High solar irradiance and energy demand further drive investments in renewable energy, expanding the Mexico solar panel market share.

MEXICO SOLAR PANEL MARKET TRENDS:

Rising Demand for Residential Solar Installations

The market is experiencing significant growth in residential solar installations, driven by increasing electricity costs and government incentives. As energy prices rise, homeowners are turning to solar panels to reduce their monthly bills and achieve energy independence. Additionally, programs such as Net Metering allow users to sell excess energy back to the grid, improving ROI. The declining cost of solar technology has also made systems more affordable, encouraging adoption. Another factor fueling the Mexico solar panel market growth is the rising environmental awareness among Mexican consumers, who are seeking sustainable energy solutions. Solar companies are offering flexible financing options, such as leasing and loans, making it easier for middle-class households to invest in solar power. With Mexico's abundant sunlight, residential solar is expected to grow rapidly, supported by both private sector innovation and policy frameworks promoting renewable energy adoption. In 2024, just 25% of Mexico's electricity was previously generated from low-carbon sources, lagging the

global average of 41%. Solar energy made up 8% of the country's top clean-energy source. Twenty years of growth in power demand (+56%) has not been matched by an increase in clean energy generation, leading to higher emissions. With a goal of achieving 33% renewable energy by 2030, Mexico's solar industry plays a vital role in bridging the gap towards meeting global energy objectives.

Expansion of Utility-Scale Solar Projects

Mexico's solar market is witnessing a rise in utility-scale solar projects, driven by increasing energy demand and favorable regulatory policies. Mexico is the 13th largest electricity consumer in the world and has seen the demand for power rise 56% in the last twenty years. As of 2024, 75% of its energy consumption still relies on fossil fuels. Despite having a high renewables potential with an estimated 5.3–6.3 kWh/m²/day of solar energy potential, renewable energy still makes up only 25% of the total energy mix in the country. There is a target of 33% renewable energy by 2030, which means a lot of new solar panels will be used for generating energy, considering the increasing power needs. The government's commitment to renewable energy targets under the Energy Transition Law has accelerated large-scale solar farm developments. Private investors and international energy firms are capitalizing on Mexico's high solar irradiance, particularly in northern states including Sonora and Chihuahua, ideal for solar power generation. Additionally, corporate power purchase agreements (PPAs) are gaining traction as businesses seek cost-effective and sustainable energy solutions. Industrial and commercial sectors are partnering with solar providers to secure long-term clean energy contracts, reducing operational costs. Despite regulatory uncertainties in recent years, Mexico remains an attractive market for utility-scale solar investments, creating a positive Mexico solar panel market outlook.

MEXICO SOLAR PANEL MARKET SEGMENTATION:

IMARC Group provides an analysis of the key trends in each segment of the market, along with forecasts at the country level for 2026-2034. Our report has categorized the market based on type and end use.

Type Insights:

Crystal Silicon

Monocrystalline Silicon

Polycrystalline Silicon

Thin Film

Others

The report has provided a detailed breakup and analysis of the market based on the type. This includes crystal silicon, monocrystalline silicon, polycrystalline silicon, thin film, and others.

End Use Insights:

Commercial

Residential

Industrial

A detailed breakup and analysis of the market based on the end use have also been provided in the report. This includes commercial, residential, and industrial.

Regional Insights:

Northern Mexico

Central Mexico

Southern Mexico

Others

The report has also provided a comprehensive analysis of all the major regional markets, which include Northern Mexico, Central Mexico, Southern Mexico, and Others.

COMPETITIVE LANDSCAPE:

The market research report has also provided a comprehensive analysis of the competitive landscape. Competitive analysis such as market structure, key player positioning, top winning strategies, competitive dashboard, and company evaluation quadrant has been covered in the report. Also, detailed profiles of all major companies have been provided.

KEY QUESTIONS ANSWERED IN THIS REPORT

How has the Mexico solar panel market performed so far and how will it perform in the coming years?

What is the breakup of the Mexico solar panel market on the basis of type?

What is the breakup of the Mexico solar panel market on the basis of end use?

What is the breakup of the Mexico solar panel market on the basis of region?

What are the various stages in the value chain of the Mexico solar panel market?

What are the key driving factors and challenges in the Mexico solar panel market?

What is the structure of the Mexico solar panel market and who are the key players?

What is the degree of competition in the Mexico solar panel market?

Contents

1 PREFACE

2 SCOPE AND METHODOLOGY

- 2.1 Objectives of the Study
- 2.2 Stakeholders
- 2.3 Data Sources
 - 2.3.1 Primary Sources
 - 2.3.2 Secondary Sources
- 2.4 Market Estimation
 - 2.4.1 Bottom-Up Approach
 - 2.4.2 Top-Down Approach
- 2.5 Forecasting Methodology

3 EXECUTIVE SUMMARY

4 MEXICO SOLAR PANEL MARKET - INTRODUCTION

- 4.1 Overview
- 4.2 Market Dynamics
- 4.3 Industry Trends
- 4.4 Competitive Intelligence

5 MEXICO SOLAR PANEL MARKET LANDSCAPE

- 5.1 Historical and Current Market Trends (2020-2025)
- 5.2 Market Forecast (2026-2034)

6 MEXICO SOLAR PANEL MARKET - BREAKUP BY TYPE

- 6.1 Crystal Silicon
 - 6.1.1 Overview
 - 6.1.2 Historical and Current Market Trends (2020-2025)
 - 6.1.3 Market Forecast (2026-2034)
- 6.2 Monocrystalline Silicon
 - 6.2.1 Overview
 - 6.2.2 Historical and Current Market Trends (2020-2025)

6.2.3 Market Forecast (2026-2034)

6.3 Polycrystalline Silicon

6.3.1 Overview

6.3.2 Historical and Current Market Trends (2020-2025)

6.3.3 Market Forecast (2026-2034)

6.4 Thin Film

6.4.1 Overview

6.4.2 Historical and Current Market Trends (2020-2025)

6.4.3 Market Forecast (2026-2034)

6.5 Others

6.5.1 Historical and Current Market Trends (2020-2025)

6.5.2 Market Forecast (2026-2034)

7 MEXICO SOLAR PANEL MARKET - BREAKUP BY END USE

7.1 Commercial

7.1.1 Overview

7.1.2 Historical and Current Market Trends (2020-2025)

7.1.3 Market Forecast (2026-2034)

7.2 Residential

7.2.1 Overview

7.2.2 Historical and Current Market Trends (2020-2025)

7.2.3 Market Forecast (2026-2034)

7.3 Industrial

7.3.1 Overview

7.3.2 Historical and Current Market Trends (2020-2025)

7.3.3 Market Forecast (2026-2034)

8 MEXICO SOLAR PANEL MARKET – BREAKUP BY REGION

8.1 Northern Mexico

8.1.1 Overview

8.1.2 Historical and Current Market Trends (2020-2025)

8.1.3 Market Breakup by Type

8.1.4 Market Breakup by End Use

8.1.5 Key Players

8.1.6 Market Forecast (2026-2034)

8.2 Central Mexico

8.2.1 Overview

8.2.2 Historical and Current Market Trends (2020-2025)

8.2.3 Market Breakup by Type

8.2.4 Market Breakup by End Use

8.2.5 Key Players

8.2.6 Market Forecast (2026-2034)

8.3 Southern Mexico

8.3.1 Overview

8.3.2 Historical and Current Market Trends (2020-2025)

8.3.3 Market Breakup by Type

8.3.4 Market Breakup by End Use

8.3.5 Key Players

8.3.6 Market Forecast (2026-2034)

8.4 Others

8.4.1 Historical and Current Market Trends (2020-2025)

8.4.2 Market Forecast (2026-2034)

9 MEXICO SOLAR PANEL MARKET – COMPETITIVE LANDSCAPE

9.1 Overview

9.2 Market Structure

9.3 Market Player Positioning

9.4 Top Winning Strategies

9.5 Competitive Dashboard

9.6 Company Evaluation Quadrant

10 PROFILES OF KEY PLAYERS

10.1 Company A

10.1.1 Business Overview

10.1.2 Services Offered

10.1.3 Business Strategies

10.1.4 SWOT Analysis

10.1.5 Major News and Events

10.2 Company B

10.2.1 Business Overview

10.2.2 Services Offered

10.2.3 Business Strategies

10.2.4 SWOT Analysis

10.2.5 Major News and Events

10.3 Company C

10.3.1 Business Overview

10.3.2 Services Offered

10.3.3 Business Strategies

10.3.4 SWOT Analysis

10.3.5 Major News and Events

10.4 Company D

10.4.1 Business Overview

10.4.2 Services Offered

10.4.3 Business Strategies

10.4.4 SWOT Analysis

10.4.5 Major News and Events

10.5 Company E

10.5.1 Business Overview

10.5.2 Services Offered

10.5.3 Business Strategies

10.5.4 SWOT Analysis

10.5.5 Major News and Events

11 MEXICO SOLAR PANEL MARKET - INDUSTRY ANALYSIS

11.1 Drivers, Restraints, and Opportunities

11.1.1 Overview

11.1.2 Drivers

11.1.3 Restraints

11.1.4 Opportunities

11.2 Porters Five Forces Analysis

11.2.1 Overview

11.2.2 Bargaining Power of Buyers

11.2.3 Bargaining Power of Suppliers

11.2.4 Degree of Competition

11.2.5 Threat of New Entrants

11.2.6 Threat of Substitutes

11.3 Value Chain Analysis

12 APPENDIX

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