

Building-Integrated Photovoltaics (BIPV): Technologies and Global Markets

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Abstracts

Report Scope:

In this report, the market has been segmented based on technology, application, end user and geography. The report provides an overview of the global BIPV market and analyses market trends. Using 2021 as the base year, the report provides estimated market data for the forecast period, 2022-2027. Revenue forecasts for this period are segmented based on technology, application, end user and geography. Market values have been estimated based on the total revenue of BIPV providers.

The report covers the market for BIPV with regard to the user base across different regions. It also highlights major trends and challenges that affect the market and the vendor landscape. The report estimates the global market for BIPV in 2021 and provides projections for the expected market size through 2027.

The report also focuses on the major driving trends and challenges that affect the market and the vendor landscape. The report explains the value chain, competitive landscape, and current trends in the BIPV market. It concludes with an analysis of the BIPV vendor landscape and includes detailed profiles of the major players in the global BIPV market.

The following parameters define the scope of the report -

The scope of the report includes the global market of commercially deployed BIPV projects.

Projects that are in the design or pre-development phase have not been

considered in the calculation of the overall market size.

The market size includes both the hardware market as well as the services segment.

The after-sales services market, which covers software upgrades, hardware maintenance, etc., have not been considered in the report.

The report includes both new constructions as well as renovation projects for the calculation of overall market size.

Utility-scale power grid projects have not been considered in the report.

Report Includes:

81 data tables and 97 additional tables

An updated review of the global market for building-integrated photovoltaic (BIPV) materials and related technologies

Analyses of the global market trends, with data from 2021, estimates for 2022, and projections of compound annual growth rates (CAGRs) through 2027

Discussion of market opportunities and drivers for BIPV materials market, current trends and ongoing research activities, industry regulations and COVID-19 impact shaping the growth of the PV industry

Estimation of the market size and corresponding market share analysis by technology, application, end user and geographical region for key market segments and sub-segments

Identification of major stakeholders in the market, and analysis of their company shares and key competitive landscape

Patent review and analysis of patents granted for technologies related to advanced PV materials and devices used in BIPV

A comparative study and SWOT analysis of the top four BIPV technologies,

which could further assist stakeholders in formulating appropriate strategies

Profile descriptions of the leading market participants, including Agc Inc., Ertex Solartechnik Gmbh, Kaneka Corp., Novergy Energy Solutions Pvt. Ltd., Solarwindow Technologies Inc., and Tesla Inc.

Contents

CHAPTER 1 INTRODUCTION

- 1.1 Introduction
- 1.2 Study Goals and Objectives
- 1.3 What's New in This Update?
- 1.4 Scope of Report
- 1.5 Reasons for Doing the Study
- 1.6 Intended Audiences
- 1.7 Information Sources
- 1.8 Methodology
- 1.9 Geographic Breakdown
- 1.10 Analyst's Credentials
- 1.11 BCC Custom Research
- 1.12 Related BCC Research Reports

CHAPTER 2 SUMMARY AND HIGHLIGHTS

CHAPTER 3 MARKET OVERVIEW

- 3.1 Global Energy Sources
- 3.2 Importance of Renewable Energy
- 3.3 Overview of Photovoltaics
- 3.4 BIPV Industry Outlook
- 3.5 Value Chain Analysis
- 3.6 Government Policies and Support
 - 3.6.1 General Policy Programs and Support
- 3.7 Overview of BIPV Policies, Regulations, and Incentive Programs
 - 3.7.1 General
 - 3.7.2 FITs Vs. Rates Net Metering
 - 3.7.3 BIPV Policies, Regulations, and Incentive Programs in North America
 - 3.7.4 BIPV Policies, Regulations and Incentive Programs in Europe and the EU
 - 3.7.5 Microanalysis of Individual European Countries
 - 3.7.6 BIPV Policies, Regulations, and Incentive Programs in APAC
 - 3.7.7 ASEAN Countries
 - 3.7.8 BIPV Policies, Regulations, and Incentive Programs in the South America
 - 3.7.9 BIPV Policies, Regulations, and Incentive Programs in the Rest of the World
- 3.8 BIPV-Relevant International Standards

- 3.8.1 International Certification Standards
- 3.8.2 EU-Specific Certification Standards
- 3.9 Porter's Five Forces Analysis
 - 3.9.1 Bargaining Power of Buyers
 - 3.9.2 Bargaining Power of Suppliers
 - 3.9.3 Threat of New Entrants
 - 3.9.4 Threat of Substitutes
 - 3.9.5 Degree of Competition
- 3.10 Impact of COVID-19 on the BIPV Market
 - 3.10.1 Impact on the Industry
 - 3.10.2 Conclusion

CHAPTER 4 MARKET DYNAMICS

- 4.1 Market Dynamics
 - 4.1.1 Market Drivers
 - 4.1.2 Market Restraints
 - 4.1.3 Market Opportunities

CHAPTER 5 MARKET BREAKDOWN BY TECHNOLOGY

- 5.1 Overview
- 5.2 Crystalline Silicon
 - 5.2.1 Single-Crystal Silicon PVs
 - 5.2.2 Polycrystalline Silicon PVs
- 5.3 Thin Film
 - 5.3.1 Amorphous Silicon
 - 5.3.2 Cadmium Telluride
 - 5.3.3 Copper Indium Gallium Diselenide
- 5.4 Others
 - 5.4.1 Multi-junction Cells
 - 5.4.2 Dye-sensitized Solar Cells
 - 5.4.3 Quantum Dot PVs
 - 5.4.4 Organic Solar Cells
 - 5.4.5 Nanomaterials
 - 5.4.6 Other Third-Generation PV Materials
- 5.5 Additional Information

CHAPTER 6 MARKET BREAKDOWN BY APPLICATION

- 6.1 Introduction
- 6.2 Roofing
 - 6.2.1 Roofing Shingles
 - 6.2.2 Roofing Tiles
 - 6.2.3 Standing Seam Metal Roofing
 - 6.2.4 Single-Ply Membrane Roofing
- 6.3 Glazing
- 6.4 Skylights
- 6.5 Facades
 - 6.5.1 Building Cladding
 - 6.5.2 Green Parking
- 6.6 Architectural Shading
- 6.7 Additional Information

CHAPTER 7 MARKET BREAKDOWN BY END USER

- 7.1 Introduction
- 7.2 Industrial
- 7.3 Commercial
- 7.4 Residential
- 7.5 Additional Information

CHAPTER 8 MARKET BREAKDOWN BY REGION

- 8.1 Global Market Value by Region
 - 8.1.1 North America
 - 8.1.2 Europe
 - 8.1.3 Asia-Pacific
 - 8.1.4 South America
 - 8.1.5 Rest of the World

CHAPTER 9 PATENT ANALYSIS

- 9.1 Patent Analysis
 - 9.1.1 Key Recently Granted Patents

CHAPTER 10 COMPETITIVE LANDSCAPE

- 10.1 Top Companies
- 10.2 Market Share Analysis
 - 10.2.1 Key Market Developments

CHAPTER 11 COMPANY PROFILES

AGC INC.
ASCENT SOLAR TECHNOLOGIES INC.
AVANCIS GMBH
CERTAINTEED CORP.
ERTEX SOLARTECHNIK GMBH
HANERGY HOLDING GROUP
HELIA TEK GMBH
ISSOL SA
KANEKA CORP.
METSOLAR
NANOFLEX POWER CORP.
NOVERGY ENERGY SOLUTIONS PVT. LTD.
ONYX SOLAR GROUP LLC
POLYSOLAR LTD.
SOLARWINDOW TECHNOLOGIES INC.
SPHELAR POWER CORP.
SUNPOWER CORP.
TESLA INC.
TRINA SOLAR
WUXI SUNTECH POWER CO. LTD.
11.1 Major Companies in the BIPV Industry by Category

CHAPTER 12 APPENDIX: ACRONYMS AND ABBREVIATIONS

List Of Tables

LIST OF TABLES

Summary Table: Global BIPV Market, by Region, Through 2027

Table 1: Primary BIPV Stakeholders Impact Analysis

Table 2: Secondary BIPV Stakeholders Impact Analysis

Table 3: Green Globes Rating Scale

Table 4: European Nations with Most Expensive Electricity for Industrial and Residential Electricity Users, 2020

Table 5: German PV Feed-in-Tariff Values by Peak Generating Capacity, 2021

Table 6: Spanish BIPV Feed-in-Tariff Values by Peak Generating Capacity, 2020

Table 7: Australian Solar Feed-in-Tariffs, by State, 2021

Table 8: Australian Renewable Energy Target Schedule, 2010-2030

Table 9: Porter's Five Forces Analysis: Overview

Table 10: Kg/Billions of CO2 Emitted Per Million BTU of Energy, by Fuel

Table 11: Share of Population With Access to Electricity, 2020

Table 12: Global Market for BIPV, by Technology, Through 2027

Table 13: Global Market for Crystalline Silicon BIPV, by Region, Through 2027

Table 14: Global Market for Crystalline Silicon BIPV, by Application, Through 2027

Table 15: Global Market for Thin Film BIPV, by Region, Through 2027

Table 16: Global Market for Thin Film BIPV, by Application, Through 2027

Table 17: Global Market for Other BIPV Technologies, by Region, Through 2027

Table 18: Global Market for Other BIPV Technologies, by Application, Through 2027

Table 19: Comparative Study of Top 4 BIPV Technologies

Table 20: SWOT Analysis of Top 4 BIPV Technologies

Table 21: Global Market for BIPV, by Application, Through 2027

Table 22: Global Market for BIPV Roofing, by Technology, Through 2027

Table 23: Global Market for BIPV Roofing, by Region, Through 2027

Table 24: Global Market for BIPV Glazing, by Technology, Through 2027

Table 25: Global Market for BIPV Glazing, by Region, Through 2027

Table 26: Global Market for BIPV Facades, by Technology, Through 2027

Table 27: Global Market for BIPV Facades, by Region, Through 2027

Table 28: Global Market for BIPV Architectural Shading, by Technology, Through 2027

Table 29: Global Market for BIPV Architectural Shading, by Region, Through 2027

Table 30: Applicability of BIPV Technologies in BIPV Applications

Table 31: Comparative Study of Major BIPV Applications

Table 32: Global Market for BIPV, by End User, Through 2027

Table 33: Global Market for BIPV in Industrial Buildings, by Region, Through 2027

- Table 34: Global Market for BIPV in Commercial Buildings, by Region, Through 2027
- Table 35: Global Market for BIPV in Residential Buildings, by Region, Through 2027
- Table 36: Global Market for BIPV, by Region, Through 2027
- Table 37: North American Market for BIPV, by Technology, Through 2027
- Table 38: North American Market for BIPV, by Application, Through 2027
- Table 39: North American Market for BIPV, by End User, Through 2027
- Table 40: North American Market for BIPV, by Country, Through 2027
- Table 41: U.S. Market for BIPV, by Technology, Through 2027
- Table 42: U.S. Market for BIPV, by Application, Through 2027
- Table 43: U.S. Market for BIPV, by End User, Through 2027
- Table 44: Canadian Market for BIPV, by Technology, Through 2027
- Table 45: Canadian Market for BIPV, by Application, Through 2027
- Table 46: Canadian Market for BIPV, by End User, Through 2027
- Table 47: Mexican Market for BIPV, by Technology, Through 2027
- Table 48: Mexican Market for BIPV, by Application, Through 2027
- Table 49: Mexican Market for BIPV, by End User, Through 2027
- Table 50: European Market for BIPV, by Technology, Through 2027
- Table 51: European Market for BIPV, by Application, Through 2027
- Table 52: European Market for BIPV, by End User, Through 2027
- Table 53: European Market for BIPV, by Country, Through 2027
- Table 54: German Market for BIPV, by Technology, Through 2027
- Table 55: German Market for BIPV, by Application, Through 2027
- Table 56: German Market for BIPV, by End User, Through 2027
- Table 57: U.K. Market for BIPV, by Technology, Through 2027
- Table 58: U.K. Market for BIPV, by Application, Through 2027
- Table 59: U.K. Market for BIPV, by End User, Through 2027
- Table 60: French Market for BIPV, by Technology, Through 2027
- Table 61: French Market for BIPV, by Application, Through 2027
- Table 62: French Market for BIPV, by End User, Through 2027
- Table 63: Italian Market for BIPV, by Technology, Through 2027
- Table 64: Italian Market for BIPV, by Application, Through 2027
- Table 65: Italian Market for BIPV, by End User, Through 2027
- Table 66: Rest of the European Market for BIPV, by Technology, Through 2027
- Table 67: Rest of the European Market for BIPV, by Application, Through 2027
- Table 68: Rest of the European Market for BIPV, by End User, Through 2027
- Table 69: Asia-Pacific Market for BIPV, by Technology, Through 2027
- Table 70: Asia-Pacific Market for BIPV, by Application, Through 2027
- Table 71: Asia-Pacific Market for BIPV, by End User, Through 2027
- Table 72: Asia-Pacific Market for BIPV, by Country, Through 2027

Table 73: Chinese Market for BIPV, by Technology, Through 2027

Table 74: Chinese Market for BIPV, by Application, Through 2027

Table 75: Chinese Market for BIPV, by End User, Through 2027

Table 76: Japanese Market for BIPV, by Technology, Through 2027

Table 77: Japanese Market for BIPV, by Application, Through 2027

Table 78: Japanese Market for BIPV, by End User, Through 2027

Table 79: Rest of Asia-Pacific Market for BIPV, by Technology, Through 2027

Table 80: Rest of Asia-Pacific Market for BIPV, by Application, Through 2027

Table 81: Rest of Asia-Pacific Market for BIPV, by End User, Through 2027

Table 82: South American Market for BIPV, by Technology, Through 2027

Table 83: South American Market for BIPV, by Application, Through 2027

Table 84: South American Market for BIPV, by End User, Through 2027

Table 85: South American Market for BIPV, by Country, Through 2027

Table 86: Rest of the World Market for BIPV, by Technology, Through 2027

Table 87: Rest of the World Market for BIPV, by Application, Through 2027

Table 88: Rest of the World Market for BIPV, by End User, Through 2027

Table 89: Rest of the World Market for BIPV, by Subregion, Through 2027

Table 90: Building-Integrated Photovoltaic (BIPV) Patents Share, by Company, 2021

Table 91: Top 20 Players in the BIPV Market and Their Description, 2021

Table 92: Global BIPV Market, Investments by Major Players, 2019-2022*

Table 93: Global BIPV Market, Contracts by Major Players, 2019-2022*

Table 94: Global BIPV Market, Collaborations by Major Players, 2019-2022*

Table 95: Global BIPV Market, Product Launches, by Major Players, 2019-2022*

Table 96: Global BIPV Market, Partnerships by Major Players, 2019-2022*

Table 97: AGC Inc.: Company Snapshot

Table 98: AGC Inc.: Key Management

Table 99: AGC Inc.: Product Portfolio

Table 100: AGC Inc.: Recent Developments, 2019-2022*

Table 101: Ascent Solar Technologies Inc.: Company Snapshot

Table 102: Ascent Solar Technologies Inc.: Key Management

Table 103: Ascent Solar Technologies Inc.: Product Portfolio

Table 104: Avancis GmbH: Company Snapshot

Table 105: Avancis GmbH: Product Portfolio

Table 106: Avancis GmbH: Recent Developments, 2019-2022*

Table 107: CertainTeed Corp.: Company Snapshot

Table 108: CertainTeed Corp.: Product Portfolio

Table 109: Ertex Solartechnik GmbH: Company Snapshot

Table 110: Ertex Solartechnik GmbH: Key Management

Table 111: Ertex Solartechnik GmbH: Product Portfolio

- Table 112: Hanergy Holding Group: Company Snapshot
- Table 113: Hanergy Holding Group: Product Portfolio
- Table 114: Hanergy Holding Group: Recent Developments, 2019-2022*
- Table 115: Heliatek GmbH: Company Snapshot
- Table 116: Heliatek GmbH: Key Management
- Table 117: Heliatek GmbH: Partners
- Table 118: Heliatek GmbH: Product Portfolio
- Table 119: Heliatek GmbH: Recent Developments, 2019-2022*
- Table 120: Issol SA: Company Snapshot
- Table 121: Issol SA: Product Portfolio
- Table 122: Kaneka Corp.: Company Snapshot
- Table 123: Kaneka Corp.: Key Management
- Table 124: Kaneka Corp.: Product Portfolio
- Table 125: Kaneka Corp.: Company Financials, FY 2019-2021
- Table 126: MetSolar: Company Snapshot
- Table 127: MetSolar: Key Management
- Table 128: MetSolar: Product Portfolio
- Table 129: Nanoflex Power Corp.: Company Snapshot
- Table 130: Nanoflex Power Corp.: Key Management
- Table 131: Nanoflex Power Corp.: Product Portfolio
- Table 132: Nanoflex Power Corp.: Recent Developments, 2019-2022*
- Table 133: Novergy Energy Solutions Pvt. Ltd.: Company Snapshot
- Table 134: Novergy Energy Solutions Pvt. Ltd.: Key Management
- Table 135: Novergy Energy Solutions Pvt. Ltd.: Product Portfolio
- Table 136: Onyx Solar Group LLC: Company Snapshot
- Table 137: Onyx Solar Group LLC: Product Portfolio
- Table 138: Polysolar Ltd.: Company Snapshot
- Table 139: Polysolar Ltd.: Product Portfolio
- Table 140: SolarWindow Technologies Inc.: Key Management
- Table 141: SolarWindow Technologies Inc.: Partnerships/Collaborations
- Table 142: SolarWindow Technologies Inc.: Product Portfolio
- Table 143: Sphelar Power Corp.: Company Snapshot
- Table 144: Sphelar Power Corp.: Key Management
- Table 145: Sphelar Power Corp.: Product Portfolio
- Table 146: SunPower Corp.: Company Snapshot
- Table 147: SunPower Corp.: Key Management
- Table 148: SunPower Corp.: Product Portfolio
- Table 149: SunPower Corp.: Company Financials, FY 2019-2021
- Table 150: SunPower Corp.: Recent Developments, 2019-2022*

Table 151: Tesla Inc.: Company Snapshot
Table 152: Tesla Inc.: Key Management
Table 153: Tesla Inc.: Product Portfolio
Table 154: Tesla Inc.: Company Financials, FY 2019-2021
Table 155: Trina Solar: Company Snapshot
Table 156: Trina Solar: Key Management
Table 157: Trina Solar: Product Portfolio
Table 158: Wuxi Suntech Power Co. Ltd.: Company Snapshot
Table 159: Wuxi Suntech Power Co. Ltd.: Product Portfolio
Table 160: BIPV Architects/Designers
Table 161: BIPV Manufacturers
Table 162: BIPV Standing Seam Metal Roofing Companies
Table 163: BIPV Architectural Fabric Manufacturers
Table 164: BIPV Architectural Shading Systems Companies
Table 165: BIPV Architectural Louvers and Shutters Companies
Table 166: BIPV Facade Companies
Table 167: BIPV Facade Support Fixing Systems Companies
Table 168: BIPV Glazing Companies
Table 169: BIPV Architectural Shutters Companies
Table 170: BIPV TPO Single-Ply Membrane Roofing Companies
Table 171: BIPV Roofing Shingles Companies
Table 172: BIPV Roofing Tiles Companies
Table 173: BIPV Skylight Companies
Table 174: BIPV Planned Community Companies
Table 175: Building Cladding and Fixing System Companies
Table 176: Colored BIPV Module Companies
Table 177: Acronyms and Abbreviations

List Of Figures

LIST OF FIGURES

- Summary Figure: Global Market Shares of BIPV, by Region, 2021
- Figure 1: World Electricity Generation Mix, by Fuel, 1971-2019
- Figure 2: Global Energy Consumption, by Type of Fuel, 2010-2050
- Figure 3: BIPV Project Development Process
- Figure 4: BIPV Stakeholders Ecosystem
- Figure 5: Categorization of BIPV Stakeholders
- Figure 6: Types of BIPV Component Manufacturers
- Figure 7: Types of BIPV System Installers
- Figure 8: BIPV Market: Porter's Five Forces Analysis
- Figure 9: Power of Buyers: Global BIPV Market
- Figure 10: Power of Suppliers: Global BIPV Market
- Figure 11: Threat of New Entrants: Global BIPV Market
- Figure 12: Threat of Substitutes: Global BIPV Market
- Figure 13: Degree of Competition: Global BIPV Market
- Figure 14: Key Factors Impacting the BIPV Market
- Figure 15: Global Market Shares of BIPV, by Technology, 2021
- Figure 16: Global Market Shares of BIPV, by Technology, 2027
- Figure 17: Global Market Shares of Crystalline Silicon BIPV, by Region, 2021
- Figure 18: Global Market Shares of Crystalline Silicon BIPV, by Region, 2027
- Figure 19: Global Market Shares of Crystalline Silicon BIPV, by Application, 2021
- Figure 20: Global Market Shares of Crystalline Silicon BIPV, by Application, 2027
- Figure 21: Global Market Shares of Thin Film BIPV, by Region, 2021
- Figure 22: Global Market Shares of Thin Film BIPV, by Region, 2027
- Figure 23: Global Market Shares of Thin Film BIPV, by Application, 2021
- Figure 24: Global Market Shares of Thin Film BIPV, by Application, 2027
- Figure 25: Global Market Shares of Other BIPV Technologies, by Region, 2021
- Figure 26: Global Market Shares of Other BIPV Technologies, by Region, 2027
- Figure 27: Global Market Shares of Other BIPV Technologies, by Application, 2021
- Figure 28: Global Market Shares of Other BIPV Technologies, by Application, 2027
- Figure 29: Global Market Shares of BIPV, by Application, 2021
- Figure 30: Global Market Shares of BIPV, by Application, 2027
- Figure 31: Global Market Shares of BIPV Roofing, by Technology, 2021
- Figure 32: Global Market Shares of BIPV Roofing, by Technology, 2027
- Figure 33: Global Market Shares of BIPV Roofing, by Region, 2021
- Figure 34: Global Market Shares of BIPV Roofing, by Region, 2027

- Figure 35: Global Market Shares of BIPV Glazing, by Technology, 2021
- Figure 36: Global Market Shares of BIPV Glazing, by Technology, 2027
- Figure 37: Global Market Shares of BIPV Glazing, by Region, 2021
- Figure 38: Global Market Shares of BIPV Glazing, by Region, 2027
- Figure 39: Global Market Shares of BIPV Facades, by Technology, 2021
- Figure 40: Global Market Shares of BIPV Facades, by Technology, 2027
- Figure 41: Global Market Shares of BIPV Facades, by Region, 2021
- Figure 42: Global Market Shares of BIPV Facades, by Region, 2027
- Figure 43: Global Market Shares of BIPV Architectural Shading, by Technology, 2021
- Figure 44: Global Market Shares of BIPV Architectural Shading, by Technology, 2027
- Figure 45: Global Market Shares of BIPV Architectural Shading, by Region, 2021
- Figure 46: Global Market Shares of BIPV Architectural Shading, by Region, 2027
- Figure 47: Global Market Shares of BIPV, by End User, 2021
- Figure 48: Global Market Shares of BIPV, by End User, 2027
- Figure 49: Global Market Shares of BIPV in Industrial Buildings, by Region, 2021
- Figure 50: Global Market Shares of BIPV in Industrial Buildings, by Region, 2027
- Figure 51: Global Market Shares of BIPV in Commercial Buildings, by Region, 2021
- Figure 52: Global Market Shares of BIPV in Commercial Buildings, by Region, 2027
- Figure 53: Global Market Shares of BIPV in Residential Buildings, by Region, 2021
- Figure 54: Global Market Shares of BIPV in Residential Buildings, by Region, 2027
- Figure 55: Global Market for BIPV, by Region
- Figure 56: Global Market Shares of BIPV, by Region, 2021
- Figure 57: Global Market Shares of BIPV, by Region, 2027
- Figure 58: U.S. Market for BIPV, 2021-2027
- Figure 59: Canadian Market for BIPV, 2021-2027
- Figure 60: Mexican Market for BIPV, 2021-2027
- Figure 61: German Market for BIPV, 2021-2027
- Figure 62: U.K. Market for BIPV, 2021-2027
- Figure 63: French Market for BIPV, 2021-2027
- Figure 64: Italian Market for BIPV, 2021-2027
- Figure 65: Rest of the European Market for BIPV, 2021-2027
- Figure 66: Chinese Market for BIPV, 2021-2027
- Figure 67: Japanese Market for BIPV, 2021-2027
- Figure 68: Rest of Asia-Pacific Market for BIPV, 2021-2027
- Figure 69: Patents Published on BIPV Technologies, 2017-2022*
- Figure 70: BIPV Patent Shares, by Assignee Country, 2021
- Figure 71: Market Shares of Major Players in the BIPV Market, 2021
- Figure 72: AGC Inc.: Sales Share, by Business Segment, 2021
- Figure 73: AGC Inc.: Sales Share, by Region, 2021

Figure 74: Kaneka Corp.: Sales Share, by Business Segment, 2021

Figure 75: Kaneka Corp.: Sales Share, by Region, 2021

Figure 76: SunPower Corp.: Sales Share, by Business Segment, 2021

Figure 77: Tesla Inc.: Sales Share, by Business Segment, 2021

Figure 78: Tesla Inc.: Sales Share, by Region, 2021

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