

# Solar Farm Market by Type (Utility-scale, Distributed Generation, Microgrids, and Others) and End User Industry (Residential, Commercial, and Industrial): Global Opportunity Analysis and Industry Forecast, 2020–2027

https://marketpublishers.com/r/S6183CA18B6CEN.html

Date: February 2021

Pages: 284

Price: US\$ 5,769.00 (Single User License)

ID: S6183CA18B6CEN

### **Abstracts**

The global solar farm market was valued at \$61.4 billion in 2019, and is projected to reach \$261.0 billion by 2027, registering a CAGR of 19.8% from 2020 to 2027. The growth of the solar farm market is driven by increase in environmental pollution and provision of government incentives & tax rebates to install solar panels. In addition, decrease in water footprint associated with solar energy systems has fueled their demand in power generation sectors. The demand for solar PV cells has gained major traction owing to surge in rooftop installations and increase in applications in the architectural sector.

Increase in photovoltaic applications has fueled the demand for first-generation cells, which include both monocrystalline and polycrystalline silicon cells. The third-generation cells segment is expected to exhibit high growth rate, owing to ongoing R&D in the solar industry and increase in efficiency of solar panels. Increase in installations of solar energy systems in architecture and residential applications has provided lucrative opportunities for the market. However, insufficient sunlight in rainfall- and snowfall-prone regions make it difficult to harness sunlight to produce electricity, which hampers the growth of the solar energy market. On the contrary, increase in investments in R&D and surge in adoption of solar storage systems are expected to boost the demand for solar energy systems.

The global solar farm market is segmented into type, end-user industry, and region. On the basis of type, the market is divided into utility-scale, distributed generation,



microgrids, and others. By end-user industry, the solar farm market trends are studied across residential, commercial, and industrial sectors. Region wise, the global solar farm market size is analyzed across into North America, Europe, Asia-Pacific, and LAMEA.

The key players operating in the global solar farm industry are Trina Solar, Sharp Corporation, TATA Power Solar Systems Ltd., First Solar, Inc., BrightSource Energy, Inc., Shenzhen Topray Solar Co., Ltd and JA Solar Holdings Co. Ltd.

Key benefits for stakeholders

The report provides extensive qualitative and quantitative analyses of the current solar farm market trends and future estimations of the market from 2019 to 2027 to determine the prevailing opportunities.

Comprehensive analysis of factors that drive and restrict the solar farm market growth is provided.

Estimations and forecast are based on factors impacting the market growth, in terms of both value and volume.

Profiles of leading players operating in the global solar farm market analysis are provided, and this helps in understanding the competitive scenario globally.

The report provides extensive qualitative insights on the significant segments and regions exhibiting favorable market growth.

The global solar farm market forecast is done from 2020 to 2027.

**KEY MARKET SEGMENTS** 

By Type

Surface Suction



	Utility-scale		
	Distributed Generation		
	Microgrids		
	Others		
By End-user industry			
	Residential		
	Comme	rcial	
	Industria	al	
By Region			
	North Ar	merica	
	l	J.S.	
	(	Canada	
	ľ	Mexico	
Europe			
	F	rance	
	(	Germany	
	l	JK	
	S	Spain	
	I	taly	



Rest of Europe			
Asia-Pacific			
China			
Japan			
India			
Australia			
South Korea			
Rest of Asia-Pacific			
LAMEA			
Brazil			
Saudi Arabia			
South Africa			
Rest of LAMEA			



### **Contents**

### **CHAPTER 1:INTRODUCTION**

- 1.1.Report description
- 1.2. Key benefits for stakeholders
- 1.3. Key market segments
- 1.4.Research methodology
  - 1.4.1.Primary research
  - 1.4.2.Secondary research
  - 1.4.3. Analyst tools and models

### **CHAPTER 2:EXECUTIVE SUMMARY**

- 2.1.Key findings
  - 2.1.1.Top investment pockets
- 2.2.CXO perspective

### **CHAPTER 3:MARKET OVERVIEW**

- 3.1. Market definition and scope
- 3.2. Key forces shaping solar farms market
  - 3.2.1. Bargaining power of suppliers
  - 3.2.2. Bargaining power of buyers
  - 3.2.3. Threat of substitutes
  - 3.2.4. Competitive rivalry
  - 3.2.5. Threat of new entrants
- 3.3. Top player positioning
- 3.4. Market evolution/Industry roadmap
- 3.5.Impact of government regulations on the global solar farms market
- 3.6.Patent analysis
  - 3.6.1.By region
- 3.7. Market dynamics
  - 3.7.1.Drivers
    - 3.7.1.1. Supportive government regulations for use of photovoltaic technology
  - 3.7.2.Restraints
  - 3.7.2.1. High cost associated with installation
  - 3.7.3. Opportunity
    - 3.7.3.1. Rise in demand for renewable energy



### 3.8.Impact of COVID-19 on the market

### **CHAPTER 4:SOLAR FARMS MARKET, BY TYPE**

- 4.1.Overview
- 4.2. Utility-scale
  - 4.2.1. Key market trends, growth factors, and opportunities
  - 4.2.2.Market size and forecast, by region
  - 4.2.3. Market analysis, by country
- 4.3. Distributed Generation
  - 4.3.1. Key market trends, growth factors, and opportunities
  - 4.3.2.Market size and forecast, by region
  - 4.3.3.Market analysis, by country
- 4.4.Microgrids
  - 4.4.1. Key market trends, growth factors, and opportunities
  - 4.4.2. Market size and forecast, by region
  - 4.4.3. Market analysis, by country
- 4.5.Other
  - 4.5.1. Key market trends, growth factors, and opportunities
  - 4.5.2. Market size and forecast, by region
  - 4.5.3. Market analysis, by country

### **CHAPTER 5:SOLAR FARMS MARKET, BY END-USE INDUSTRY**

- 5.1.Overview
- 5.2.Commercial
  - 5.2.1. Key market trends, growth factors, and opportunities
  - 5.2.2.Market size and forecast, by region
  - 5.2.3. Market analysis, by country
- 5.3.Industrial
  - 5.3.1. Key market trends, growth factors, and opportunities
  - 5.3.2. Market size and forecast, by region
  - 5.3.3.Market analysis, by country

### **CHAPTER 6:SOLAR FARMS MARKET, BY REGION**

- 6.1. Overview
- 6.2. North America
  - 6.2.1. Key market trends, growth factors, and opportunities



- 6.2.2. Market size and forecast, by type
- 6.2.3. Market size and forecast, by end-user industry
- 6.2.4. Market analysis, by country
  - 6.2.4.1.U.S.
    - 6.2.4.1.1.Market size and forecast, by type
    - 6.2.4.1.2. Market size and forecast, by end-user industry
  - 6.2.4.2.Canada
    - 6.2.4.2.1. Market size and forecast, by type
    - 6.2.4.2.2.Market size and forecast, by end-user industry
  - 6.2.4.3.Mexico
    - 6.2.4.3.1. Market size and forecast, by type
    - 6.2.4.3.2. Market size and forecast, by end-user industry

### 6.3.Europe

- 6.3.1. Key market trends, growth factors, and opportunities
- 6.3.2. Market size and forecast, by type
- 6.3.3. Market size and forecast, by end-user industry
- 6.3.4. Market analysis, by country
  - 6.3.4.1.UK
    - 6.3.4.1.1. Market size and forecast, by type
    - 6.3.4.1.2. Market size and forecast, by end-user industry
  - 6.3.4.2.Germany
    - 6.3.4.2.1. Market size and forecast, by type
  - 6.3.4.2.2. Market size and forecast, by end-user industry
  - 6.3.4.3.France
    - 6.3.4.3.1. Market size and forecast, by type
    - 6.3.4.3.2. Market size and forecast, by end-user industry
  - 6.3.4.4.Spain
    - 6.3.4.4.1. Market size and forecast, by type
  - 6.3.4.4.2. Market size and forecast, by end-user industry
  - 6.3.4.5.Italy
    - 6.3.4.5.1. Market size and forecast, by type
    - 6.3.4.5.2. Market size and forecast, by end-user industry
  - 6.3.4.6.Rest of Europe
    - 6.3.4.6.1. Market size and forecast, by type
    - 6.3.4.6.2. Market size and forecast, by end-user industry

### 6.4. Asia-Pacific

- 6.4.1. Key market trends, growth factors, and opportunities
- 6.4.2. Market size and forecast, by type
- 6.4.3. Market size and forecast, by end-user industry



- 6.4.4. Market analysis, by country
  - 6.4.4.1.China
    - 6.4.4.1.1.Market size and forecast, by type
    - 6.4.4.1.2. Market size and forecast, by end-user industry
  - 6.4.4.2.India
  - 6.4.4.2.1. Market size and forecast, by type
  - 6.4.4.2.2.Market size and forecast, by end-user industry
  - 6.4.4.3.Japan
    - 6.4.4.3.1. Market size and forecast, by type
    - 6.4.4.3.2. Market size and forecast, by end-user industry
  - 6.4.4.4.South Korea
    - 6.4.4.1. Market size and forecast, by type
    - 6.4.4.4.2. Market size and forecast, by end-user industry
  - 6.4.4.5. Australia
    - 6.4.4.5.1. Market size and forecast, by type
    - 6.4.4.5.2. Market size and forecast, by end-user industry
  - 6.4.4.6.Rest of Asia-Pacific
    - 6.4.4.6.1. Market size and forecast, by type
    - 6.4.4.6.2. Market size and forecast, by end-user industry

### 6.5.LAMEA

- 6.5.1. Key market trends, growth factors, and opportunities
- 6.5.2. Market size and forecast, by type
- 6.5.3. Market size and forecast, by end-user industry
- 6.5.4. Market analysis, by country
  - 6.5.4.1.Brazil
    - 6.5.4.1.1.Market size and forecast, by type
    - 6.5.4.1.2. Market size and forecast, by end-user industry
  - 6.5.4.2.Saudi Arabia
    - 6.5.4.2.1. Market size and forecast, by type
  - 6.5.4.2.2. Market size and forecast, by end-user industry
  - 6.5.4.3. South Africa
    - 6.5.4.3.1. Market size and forecast, by type
    - 6.5.4.3.2. Market size and forecast, by end-user industry
  - 6.5.4.4.Rest of LAMEA
    - 6.5.4.4.1. Market size and forecast, by type
    - 6.5.4.4.2. Market size and forecast, by end-user industry

### **CHAPTER 7:COMPANY PROFILES**



### 7.1.BRIGHTSOURCE ENERGY, INC.

- 7.1.1.Company overview
- 7.1.2.Company snapshot
- 7.1.3. Operating business segments
- 7.1.4. Key strategic moves and developments
- 7.2.FIRST SOLAR, INC.
  - 7.2.1.Company overview
  - 7.2.2.Company snapshot
  - 7.2.3. Operating business segments
  - 7.2.4. Business performance
- 7.3.GRUPPOSTG.
  - 7.3.1.Company overview
  - 7.3.2.Company snapshot
  - 7.3.3.Product portfolio

### 7.4. HIMIN SOLAR ENERGY GROUP

- 7.4.1.Company overview
- 7.4.2.Company snapshot
- 7.4.3. Operating business segments

### 7.5.JA SOLAR HOLDINGS CO. LTD.

- 7.5.1.Company overview
- 7.5.2.Company snapshot
- 7.5.3. Operating business segments
- 7.5.4. Business performance

### 7.6. SHARP CORPORATION

- 7.6.1.Company overview
- 7.6.2. Company snapshot
- 7.6.3. Operating business segments
- 7.6.4. Product Portfolio
- 7.6.5. Business performance
- 7.6.6.Key Strategic moves and development

### 7.7.SHENZHEN TOPRAY SOLAR CO., LTD.

- 7.7.1.Company overview
- 7.7.2.Company snapshot
- 7.7.3. Operating business segments

### 7.8.TATA POWER SOLAR SYSTEMS LTD.

- 7.8.1.Company overview
- 7.8.2.Company snapshot
- 7.8.3. Type portfolio
- 7.8.4. Key Strategic moves and development



### 7.9.TRINA SOLAR

- 7.9.1.Company overview
- 7.9.2.Company snapshot
- 7.9.3. Operating business segments
- 7.9.4. Product portfolio
- 7.9.5. Key Strategic moves and development
- 7.10.WUXI SUNTECH POWER CO., LTD.
  - 7.10.1.Company overview
  - 7.10.2.Company snapshot
  - 7.10.3. Operating business segments



# **List Of Tables**

### LIST OF TABLES

TABLE 01.GLOBAL SOLAR FARMS MARKET, BY TYPE, 2019–2027 (\$MILLION) TABLE 02.GLOBAL SOLAR FARMS MARKET, BY TYPE, 2019–2027 (MW) TABLE 03.UTILITY-SCALE SOLAR FARMS MARKET REVENUE, BY REGION, 2019–2027 (\$MILLION)

TABLE 04.UTILITY-SCALE SOLAR FARMS MARKET VOLUME, BY REGION, 2019–2027 (MW)

TABLE 05.DISTRIBUTED GENERATION SOLAR FARMS MARKET REVENUE, BY REGION, 2019–2027 (\$MILLION)

TABLE 06.DISTRIBUTED GENERATION SOLAR FARMS MARKET VOLUME, BY REGION, 2019–2027 (MW)

TABLE 07.MICROGRIDS SOLAR FARMS MARKET REVENUE, BY REGION, 2019–2027 (\$MILLION)

TABLE 08.MICROGRIDS SOLAR FARMS MARKET VOLUME, BY REGION, 2019–2027 (MW)

TABLE 09.OTHER SOLAR FARMS MARKET REVENUE , BY REGION, 2019–2027 (\$MILLION)

TABLE 10.OTHER SOLAR FARMS MARKET VOLUME , BY REGION, 2019–2027 (MW)

TABLE 11.GLOBAL SOLAR FARMS MARKET, BY END-USE INDUSTRY, 2019–2027 (\$MILLION)

TABLE 12.GLOBAL SOLAR FARMS MARKET, BY END-USE INDUSTRY, 2019–2027 (MW)

TABLE 13.SOLAR FARMS MARKET REVENUE FOR COMMERCIAL, BY REGION, 2019–2027 (\$MILLION)

TABLE 14.SOLAR FARMS MARKET VOLUME FOR COMMERCIAL, BY REGION, 2019–2027 (MW)

TABLE 15.SOLAR FARMS MARKET REVENUE FOR INDUSTRIAL, BY REGION, 2019–2027 (\$MILLION)

TABLE 16.SOLAR FARMS MARKET VOLUME FOR INDUSTRIAL, BY REGION, 2019–2027 (MW)

TABLE 17.SOLAR FARMS MARKET REVENUE, BY REGION, 2019–2027 (\$MILLION)

TABLE 18.SOLAR FARMS MARKET VOLUME, BY REGION, 2019–2027 (MW)

TABLE 19.NORTH AMERICAN SOLAR FARMS MARKET REVENUE, BY TYPE, 2019–2027(\$MILLION)

TABLE 20. NORTH AMERICAN SOLAR FARMS MARKET VOLUME, BY TYPE,



2019-2027(MW)

TABLE 21.NORTH AMERICAN SOLAR FARMS MARKET REVENUE, BY END-USER INDUSTRY, 2019–2027(\$MILLION)

TABLE 22.NORTH AMERICAN SOLAR FARMS MARKET VOLUME, BY END-USER INDUSTRY, 2019–2027(MW)

TABLE 23.NORTH AMERICA SOLAR FARMS MARKET REVENUE, BY COUNTRY, 2019–2027(\$MILLION)

TABLE 24.NORTH AMERICA SOLAR FARMS MARKET VOLUME, BY COUNTRY, 2019–2027(MW)

TABLE 25.U.S. SOLAR FARMS MARKET, BY TYPE, 2019–2027 (\$MILLION)

TABLE 26.U.S. SOLAR FARMS MARKET, BY TYPE, 2019–2027 (MW)

TABLE 27.U.S. SOLAR FARMS MARKET, BY END-USER INDUSTRY, 2019–2027 (\$MILLION)

TABLE 28.U.S. SOLAR FARMS MARKET, BY END-USER INDUSTRY, 2019–2027 (MW)

TABLE 29.CANADA SOLAR FARMS MARKET, BY TYPE, 2019–2027 (\$MILLION)

TABLE 30. CANADA SOLAR FARMS MARKET, BY TYPE, 2019–2027 (MW)

TABLE 31.CANADA SOLAR FARMS MARKET, BY END-USER INDUSTRY, 2019–2027 (\$MILLION)

TABLE 32.CANADA SOLAR FARMS MARKET, BY END-USER INDUSTRY, 2019–2027 (MW)

TABLE 33.MEXICO SOLAR FARMS MARKET, BY TYPE, 2019–2027 (\$MILLION)

TABLE 34.MEXICO SOLAR FARMS MARKET, BY TYPE, 2019–2027 (MW)

TABLE 35.MEXICO SOLAR FARMS MARKET, BY END-USER INDUSTRY, 2019–2027 (\$MILLION)

TABLE 36.MEXICO SOLAR FARMS MARKET, BY END-USER INDUSTRY, 2019–2027 (MW)

TABLE 37.EUROPE SOLAR FARMS MARKET REVENUE, BY TYPE, 2019–2027(\$MILLION)

TABLE 38.EUROPE SOLAR FARMS MARKET REVENUE, BY TYPE, 2019–2027(MW) TABLE 39.EUROPE SOLAR FARMS MARKET REVENUE, BY END-USER INDUSTRY, 2019–2027(\$MILLION)

TABLE 40.EUROPE SOLAR FARMS MARKET REVENUE, BY END-USER INDUSTRY, 2019–2027(MW)

TABLE 41.EUROPE SOLAR FARMS MARKET REVENUE, BY COUNTRY, 2019–2027(\$MILLION)

TABLE 42.EUROPE SOLAR FARMS MARKET REVENUE, BY COUNTRY, 2019–2027(MW)

TABLE 43.UK SOLAR FARMS MARKET, BY TYPE, 2019–2027 (\$MILLION)



TABLE 44.UK SOLAR FARMS MARKET, BY TYPE, 2019–2027 (MW)
TABLE 45.UK SOLAR FARMS MARKET, BY END-USER INDUSTRY, 2019–2027 (\$MILLION)

TABLE 46.UK SOLAR FARMS MARKET, BY END-USER INDUSTRY, 2019–2027 (MW)

TABLE 47.GERMANY SOLAR FARMS MARKET, BY TYPE, 2019–2027 (\$MILLION)

TABLE 48.GERMANY SOLAR FARMS MARKET, BY TYPE, 2019–2027 (MW)

TABLE 49.GERMANY SOLAR FARMS MARKET, BY END-USER INDUSTRY, 2019–2027 (\$MILLION)

TABLE 50.GERMANY SOLAR FARMS MARKET, BY END-USER INDUSTRY, 2019–2027 (MW)

TABLE 51.FRANCE SOLAR FARMS MARKET, BY TYPE, 2019–2027 (\$MILLION)

TABLE 52.FRANCE SOLAR FARMS MARKET, BY TYPE, 2019–2027 (MW)

TABLE 53.FRANCE SOLAR FARMS MARKET, BY END-USER INDUSTRY, 2019–2027 (\$MILLION)

TABLE 54.FRANCE SOLAR FARMS MARKET, BY END-USER INDUSTRY, 2019–2027 (MW)

TABLE 55.SPAIN SOLAR FARMS MARKET, BY TYPE, 2019–2027 (\$MILLION)

TABLE 56.SPAIN SOLAR FARMS MARKET, BY TYPE, 2019–2027 (MW)

TABLE 57.SPAIN SOLAR FARMS MARKET, BY END-USER INDUSTRY, 2019–2027 (\$MILLION)

TABLE 58.SPAIN SOLAR FARMS MARKET, BY END-USER INDUSTRY, 2019–2027 (MW)

TABLE 59.ITALY SOLAR FARMS MARKET, BY TYPE, 2019–2027 (\$MILLION)

TABLE 60.ITALY SOLAR FARMS MARKET, BY TYPE, 2019–2027 (MW)

TABLE 61.ITALY SOLAR FARMS MARKET, BY END-USER INDUSTRY, 2019–2027 (\$MILLION)

TABLE 62.ITALY SOLAR FARMS MARKET, BY END-USER INDUSTRY, 2019–2027 (MW)

TABLE 63.REST OF EUROPE SOLAR FARMS MARKET, BY TYPE, 2019–2027 (\$MILLION)

TABLE 64.REST OF EUROPE SOLAR FARMS MARKET, BY TYPE, 2019–2027 (MW) TABLE 65.REST OF EUROPE SOLAR FARMS MARKET, BY END-USER INDUSTRY, 2019–2027 (\$MILLION)

TABLE 66.REST OF EUROPE SOLAR FARMS MARKET, BY END-USER INDUSTRY, 2019–2027 (MW)

TABLE 67.ASIA-PACIFIC SOLAR FARMS MARKET REVENUE, BY TYPE, 2019–2027(\$MILLION)

TABLE 68.ASIA-PACIFIC SOLAR FARMS MARKET REVENUE, BY TYPE,



2019-2027(MW)

TABLE 69.ASIA-PACIFIC SOLAR FARMS MARKET REVENUE, BY END-USER INDUSTRY, 2019–2027(\$MILLION)

TABLE 70.ASIA-PACIFIC SOLAR FARMS MARKET REVENUE, BY END-USER INDUSTRY, 2019–2027(MW)

TABLE 71.ASIA-PACIFIC SOLAR FARMS MARKET REVENUE, BY COUNTRY, 2019–2027(\$MILLION)

TABLE 72.ASIA-PACIFIC SOLAR FARMS MARKET REVENUE, BY COUNTRY, 2019–2027(MW)

TABLE 73.CHINA SOLAR FARMS MARKET, BY TYPE, 2019–2027 (\$MILLION)

TABLE 74.CHINA SOLAR FARMS MARKET, BY TYPE, 2019–2027 (MW)

TABLE 75.CHINA SOLAR FARMS MARKET, BY END-USER INDUSTRY, 2019–2027 (\$MILLION)

TABLE 76.CHINA SOLAR FARMS MARKET, BY END-USER INDUSTRY, 2019–2027 (MW)

TABLE 77.INDIA SOLAR FARMS MARKET, BY TYPE, 2019–2027 (\$MILLION)

TABLE 78.INDIA SOLAR FARMS MARKET, BY TYPE, 2019–2027 (MW)

TABLE 79.INDIA SOLAR FARMS MARKET, BY END-USER INDUSTRY, 2019–2027 (\$MILLION)

TABLE 80.INDIA SOLAR FARMS MARKET, BY END-USER INDUSTRY, 2019–2027 (MW)

TABLE 81.JAPAN SOLAR FARMS MARKET, BY TYPE, 2019–2027 (\$MILLION)

TABLE 82.JAPAN SOLAR FARMS MARKET, BY TYPE, 2019–2027 (MW)

TABLE 83.JAPAN SOLAR FARMS MARKET, BY END-USER INDUSTRY, 2019–2027 (\$MILLION)

TABLE 84.JAPAN SOLAR FARMS MARKET, BY END-USER INDUSTRY, 2019–2027 (MW)

TABLE 85.SOUTH KOREA SOLAR FARMS MARKET, BY TYPE, 2019–2027 (\$MILLION)

TABLE 86.SOUTH KOREA SOLAR FARMS MARKET, BY TYPE, 2019–2027 (MW) TABLE 87.SOUTH KOREA SOLAR FARMS MARKET, BY END-USER INDUSTRY, 2019–2027 (\$MILLION)

TABLE 88.SOUTH KOREA SOLAR FARMS MARKET, BY END-USER INDUSTRY, 2019–2027 (MW)

TABLE 89.AUSTRALIA SOLAR FARMS MARKET, BY TYPE, 2019–2027 (\$MILLION) TABLE 90.AUSTRALIA SOLAR FARMS MARKET, BY TYPE, 2019–2027 (MW) TABLE 91.AUSTRALIA SOLAR FARMS MARKET, BY END-USER INDUSTRY, 2019–2027 (\$MILLION)

TABLE 92.AUSTRALIA SOLAR FARMS MARKET, BY END-USER INDUSTRY,



2019-2027 (MW)

TABLE 93.REST OF ASIA-PACIFIC SOLAR FARMS MARKET, BY TYPE, 2019–2027 (\$MILLION)

TABLE 94.REST OF ASIA-PACIFIC SOLAR FARMS MARKET, BY TYPE, 2019–2027 (MW)

TABLE 95.REST OF ASIA-PACIFIC SOLAR FARMS MARKET, BY END-USER INDUSTRY, 2019–2027 (\$MILLION)

TABLE 96.REST OF ASIA-PACIFIC SOLAR FARMS MARKET, BY END-USER INDUSTRY, 2019–2027 (MW)

TABLE 97.LAMEA SOLAR FARMS MARKET REVENUE, BY TYPE, 2019–2027(\$MILLION)

TABLE 98.LAMEA SOLAR FARMS MARKET REVENUE, BY TYPE, 2019–2027(MW) TABLE 99.LAMEA SOLAR FARMS MARKET REVENUE, BY END-USER INDUSTRY, 2019–2027(\$MILLION)

TABLE 100.LAMEA SOLAR FARMS MARKET REVENUE, BY END-USER INDUSTRY, 2019–2027(MW)

TABLE 101.LAMEA SOLAR FARMS MARKET REVENUE, BY COUNTRY, 2019–2027(\$MILLION)

TABLE 102.LAMEA SOLAR FARMS MARKET REVENUE, BY COUNTRY, 2019–2027(MW)

TABLE 103.BRAZIL SOLAR FARMS MARKET, BY TYPE, 2019–2027 (\$MILLION)

TABLE 104.BRAZIL SOLAR FARMS MARKET, BY TYPE, 2019–2027 (MW)

TABLE 105.BRAZIL SOLAR FARMS MARKET, BY END-USER INDUSTRY, 2019–2027 (\$MILLION)

TABLE 106.BRAZIL SOLAR FARMS MARKET, BY END-USER INDUSTRY, 2019–2027 (MW)

TABLE 107.SAUDI ARABIA SOLAR FARMS MARKET, BY TYPE, 2019–2027 (\$MILLION)

TABLE 108.SAUDI ARABIA SOLAR FARMS MARKET, BY TYPE, 2019–2027 (MW) TABLE 109.SAUDI ARABIA SOLAR FARMS MARKET, BY END-USER INDUSTRY, 2019–2027 (\$MILLION)

TABLE 110.SAUDI ARABIA SOLAR FARMS MARKET, BY END-USER INDUSTRY, 2019–2027 (MW)

TABLE 111.SOUTH AFRICA SOLAR FARMS MARKET, BY TYPE, 2019–2027 (\$MILLION)

TABLE 112.SOUTH AFRICA SOLAR FARMS MARKET, BY TYPE, 2019–2027 (MW) TABLE 113.SOUTH AFRICA SOLAR FARMS MARKET, BY END-USER INDUSTRY, 2019–2027 (\$MILLION)

TABLE 114.SOUTH AFRICA SOLAR FARMS MARKET, BY END-USER INDUSTRY,



2019-2027 (MW)

TABLE 115.REST OF LAMEA SOLAR FARMS MARKET, BY TYPE, 2019–2027 (\$MILLION)

TABLE 116.REST OF LAMEA SOLAR FARMS MARKET, BY TYPE, 2019–2027 (MW) TABLE 117.REST OF LAMEA SOLAR FARMS MARKET, BY END-USER INDUSTRY, 2019–2027 (\$MILLION)

TABLE 118.REST OF LAMEA SOLAR FARMS MARKET, BY END-USER INDUSTRY, 2019–2027 (MW)

TABLE 119.BRIGHTSOURCE ENERGY, INC.: COMPANY SNAPSHOT

TABLE 120.BRIGHTSOURCE ENERGY, INC.: OPERATING SEGMENTS

TABLE 121.BRIGHTSOURCE ENERGY, INC.: KEY STRATEGIC MOVES AND DEVELOPMENTS

TABLE 122.FIRST SOLAR, INC.: COMPANY SNAPSHOT

TABLE 123.FIRST SOLAR, INC.: OPERATING BUSINESS SEGMENTS

TABLE 124.OVERALL FINANCIAL STATUS (\$MILLION)

TABLE 125.GRUPPOSTG.: COMPANY SNAPSHOT

TABLE 126.GRUPPOSTG.: PRODUCT PORTFOLIO

TABLE 127.HIMIN SOLAR ENERGY GROUP: COMPANY SNAPSHOT

TABLE 128.HIMIN SOLAR ENERGY GROUP: OPERATING SEGMENTS

TABLE 129.JA SOLAR HOLDINGS CO. LTD.: COMPANY SNAPSHOT

TABLE 130.JA SOLAR HOLDINGS CO. LTD.: OPERATING BUSINESS SEGMENTS

TABLE 131.OVERALL FINANCIAL STATUS (\$MILLION)

TABLE 132.SHARP CORPORATION: COMPANY SNAPSHOT

TABLE 133.SHARP CORPORATION: OPERATING BUSINESS SEGMENTS

TABLE 134.SHARP CORPORATION: PRODUCT PORTFOLIO

TABLE 135.OVERALL FINANCIAL STATUS (\$ MILLION)

TABLE 136.SHARP CORPORATION: KEY STRATEGIC MOVES AND

**DEVELOPMENTS** 

TABLE 137.SHENZHEN TOPRAY SOLAR CO., LTD.: COMPANY SNAPSHOT

TABLE 138.SHENZHEN TOPRAY SOLAR CO., LTD.: OPERATING SEGMENTS

TABLE 139.TATA POWER SOLAR SYSTEMS LTD.: COMPANY SNAPSHOT

TABLE 140.TATA POWER SOLAR SYSTEMS LTD.: PRODUCT PORTFOLIO

TABLE 141.TATA POWER SOLAR SYSTEMS LTD.: KEY STRATEGIC MOVES AND DEVELOPMENTS

TABLE 142.TRINA SOLAR: COMPANY SNAPSHOT

TABLE 143.TRINA SOLAR: OPERATING SEGMENTS

TABLE 144.TRINA SOLAR: PRODUCT PORTFOLIO

TABLE 145.TRINA SOLAR: KEY STRATEGIC MOVES AND DEVELOPMENTS

TABLE 146.WUXI SUNTECH POWER CO., LTD.: COMPANY SNAPSHOT



# TABLE 147.WUXI SUNTECH POWER CO., LTD.: OPERATING BUSINESS SEGMENTS



# **List Of Figures**

### LIST OF FIGURES

FIGURE 01.KEY MARKET SEGMENTS

FIGURE 02.TOP INVESTMENT POCKETS

FIGURE 03.HIGH BARGAINING POWER OF SUPPLIERS

FIGURE 04.MODERATE BARGAINING POWER OF BUYERS

FIGURE 05.HIGH THREAT OF SUBSTITUTES

FIGURE 06.HIGH COMPETITIVE RIVALRY

FIGURE 07.HIGH THREAT OF NEW ENTRANTS

FIGURE 08.MARKET PLAYER POSITIONING, 2019

FIGURE 09.PATENT ANALYSIS, BY REGION

FIGURE 10.COMPARATIVE ANALYSIS OF UTILITY-SCALE SOLAR FARMS

MARKET, BY COUNTRY, 2019 & 2027 (\$MILLION)

FIGURE 11.COMPARATIVE ANALYSIS OF DISTRIBUTED GENERATION SOLAR

FARMS MARKET, BY COUNTRY, 2019 & 2027 (\$MILLION)

FIGURE 12.COMPARATIVE ANALYSIS OF MICROGRIDS SOLAR FARMS MARKET,

BY COUNTRY, 2019 & 2027 (\$MILLION)

FIGURE 13.COMPARATIVE ANALYSIS OF OTHER SOLAR FARMS MARKET, BY

COUNTRY, 2019 & 2027 (\$MILLION)

FIGURE 14.COMPARATIVE ANALYSIS OF SOLAR FARMS MARKET FOR

COMMERCIAL, BY COUNTRY, 2019 & 2027 (\$MILLION)

FIGURE 15.COMPARATIVE ANALYSIS OF SOLAR FARMS MARKET FOR

INDUSTRIAL, BY COUNTRY, 2019 & 2027 (\$MILLION)

FIGURE 16.U.S. SOLAR FARMS MARKET REVENUE, 2019–2027(\$MILLION)

FIGURE 17. CANADA SOLAR FARMS MARKET REVENUE, 2019–2027 (\$MILLION)

FIGURE 18.MEXICO SOLAR FARMS MARKET REVENUE, 2019–2027(\$MILLION)

FIGURE 19.UK SOLAR FARMS MARKET REVENUE, 2019–2027(\$MILLION)

FIGURE 20.GERMANY SOLAR FARMS MARKET REVENUE, 2019–2027(\$MILLION)

FIGURE 21.FRANCE SOLAR FARMS MARKET REVENUE, 2019–2027(\$MILLION)

FIGURE 22.SPAIN SOLAR FARMS MARKET REVENUE, 2019–2027(\$MILLION)

FIGURE 23.ITALY SOLAR FARMS MARKET REVENUE, 2019–2027(\$MILLION)

FIGURE 24.REST OF EUROPE SOLAR FARMS MARKET REVENUE,

2019-2027(\$MILLION)

FIGURE 25.CHINA SOLAR FARMS MARKET REVENUE, 2019–2027(\$MILLION)

FIGURE 26.INDIA SOLAR FARMS MARKET REVENUE, 2019–2027(\$MILLION)

FIGURE 27.JAPAN SOLAR FARMS MARKET REVENUE, 2019–2027(\$MILLION)

FIGURE 28. SOUTH KOREA SOLAR FARMS MARKET REVENUE,



2019-2027(\$MILLION)

FIGURE 29.AUSTRALIA SOLAR FARMS MARKET REVENUE, 2019–2027(\$MILLION) FIGURE 30.REST OF ASIA-PACIFIC SOLAR FARMS MARKET REVENUE, 2019–2027(\$MILLION)

FIGURE 31.BRAZIL SOLAR FARMS MARKET REVENUE, 2019–2027(\$MILLION) FIGURE 32.SAUDI ARABIA SOLAR FARMS MARKET REVENUE,

2019-2027(\$MILLION)

FIGURE 33.SOUTH AFRICA SOLAR FARMS MARKET REVENUE, 2019–2027(\$MILLION)

FIGURE 34.REST OF LAMEA SOLAR FARMS MARKET REVENUE, 2019–2027(\$MILLION)

FIGURE 35.FIRST SOLAR, INC.: REVENUE, 2016–2018 (\$MILLION)

FIGURE 36.FIRST SOLAR, INC.: REVENUE SHARE BY SEGMENT, 2018 (%)

FIGURE 37.FIRST SOLAR, INC.: REVENUE SHARE BY REGION, 2018 (%)

FIGURE 38.JA SOLAR HOLDINGS CO. LTD.: REVENUE, 2015-2017 (\$MILLION)

FIGURE 39.JA SOLAR HOLDINGS CO. LTD.: REVENUE SHARE BY SEGMENT, 2017 (%)

FIGURE 40.JA SOLAR HOLDINGS CO. LTD.: REVENUE SHARE BY REGION, 2017 (%)

FIGURE 41.SHARP CORPORATION: REVENUE, 2016–2018 (\$MILLION)

FIGURE 42.SHARP CORPORATION: REVENUE SHARE BY SEGMENT, 2018 (%)

FIGURE 43.SHARP CORPORATION: REVENUE SHARE BY REGION, 2018 (%)



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