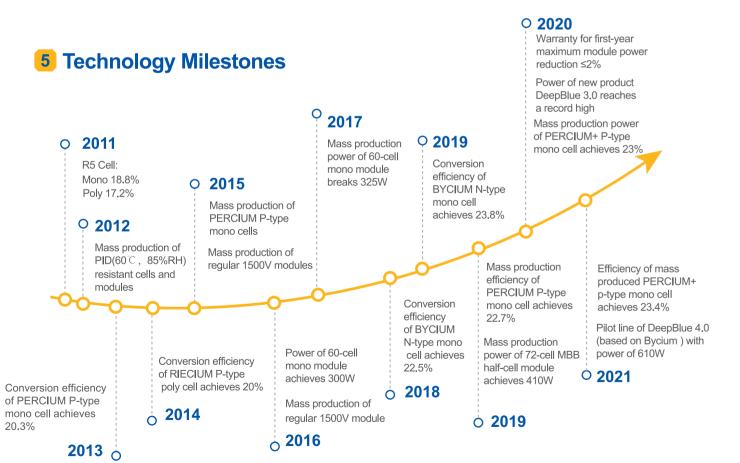
### 4 A Leader in Technology Innovation

JA Solar always puts the developing strategy of "Innovation" above others. As a result, it takes the lead in both the research and development of the commercial utilization of innovative technologies. Its consistent commitment to and efficient output of technology innovation brings products with superior quality and performance, and has won long-term recognition in the market.

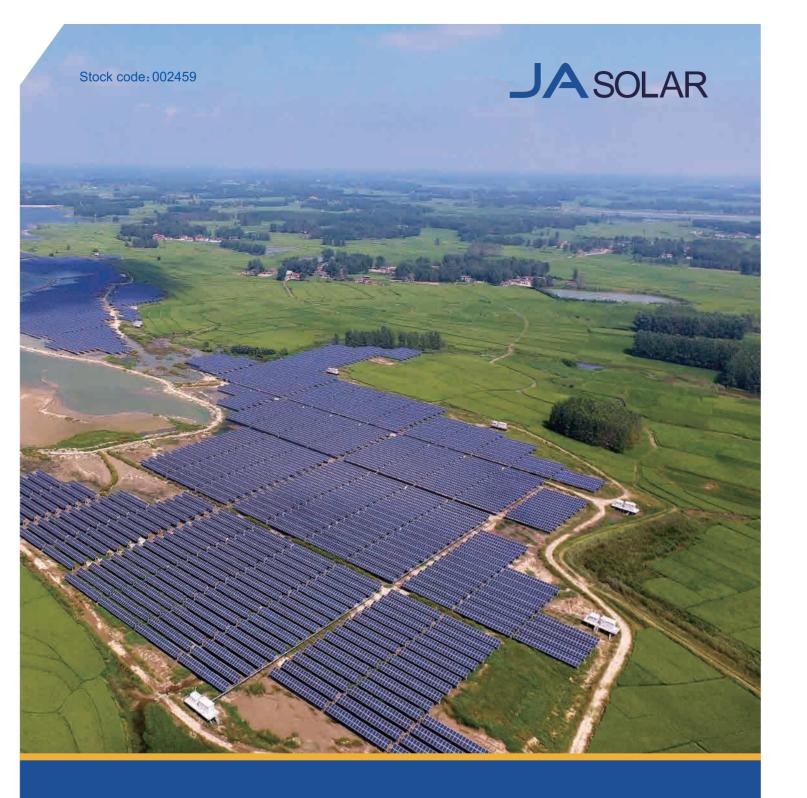






#### JA Solar Technology Co., Ltd.

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# Harvest the Sunshine

ww.iasolar.com

### 1 A World-Leading Manufacturer of Superior PV Products

Founded in 2005, JA Solar is a manufacturer of high-performance photovoltaic products. With 12 manufacturing bases and more than 20 branches around the world, the company's business covers silicon wafers, cells, modules and photovoltaic power stations. JA Solar products are available in 135 countries and regions and are used extensively in ground-mounted power plants, commercial & industrial rooftop PV systems and residential rooftop PV systems. With its advantages of continuous technological innovation, sound financial performance, and well-established global sales and service networks, JA Solar has been well received and highly recognized by clients from home and abroad.

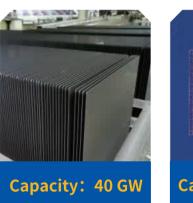
The company has been listed on Fortune China 500 and Global Top 500 New Energy Enterprises for several consecutive years.

| May 2005                                 | Fortune China 500                | 14%                                    | 12                        |
|--|----------------------------------|--|---------------------------|
| Founded                                  | Many Consecutive Years Listed on | Global Market Share (2021, IHS Markit) | Global Manufacturing Base |
| <b>95</b> GW                             | 33000                            | 29638                                  | <b>¥41.3</b> Billion      |
| Cumulative Shipments<br>(As of Q1, 2022) | Customers Worldwide              | Employees                              | Total Revenue of 2021     |

### 2 A Global Leader in the PV Industry

JA Solar is a leader in vertical integration in the PV industry. Its business scope covers wafers, cells, modules and photovoltaic power stations, which enables it to provide complete PV product services to its clients.

As the core patent holder of PERC technology, JA Solar's PERC products are always welcomed in the market.









Note: As of the end of 2022

### **3** Company Milestones

| NASI                | DAQ Listed  | Achieved<br>>20% Conversion<br>Efficiency for<br>mono-Si Cells | Started Cells<br>Manu facturin g<br>in Malay sia | IP on Bifacia<br>PERC Techr<br>Patented in .         | nology listed o   | on Shenzhen<br>Exchange | Won Top Brand PV Seal<br>from EUPD Research for<br>the Five Consecutive Year |
|---------------------|---|--|--|--|---|-------------------------|--|
|                     | 2007  | 2013   | 2015   | 2018   | 3   | 2019                    | 2020   |
|                     | O   | O  | O  | O  |   | 0                       | O  |
|                     | <u></u>   | <del>\</del>   | <b>\</b>   | <del>•</del>   | · ·   | <del>-</del>            | <b>)</b> —— – –  |
| Ó                   | Ó   |  |  | Ó  | Ó   | Ċ                       | )  |
| 2005                | 2010  | 20   | 14   | 2017   | 2018  | 20                      | 19   |
| JA Solar<br>Founded | Led PV Indust<br>with >18.5%<br>Average Cell I<br>in Mass Produ | 20% Co<br>Efficiency Efficience                                | nversion of Adva                                 | Mass Production<br>nced Double-glass<br>PERC Modules | World No.1 Cell<br>Manufacturer of<br>the Year in Terms | Shipmer<br>High-Eff     | cumulated<br>nt of<br>riciency PERC  |

### 6 Global Branches

To better serve its customers, JA Solar has established a globalized sales and service network. The company has 12 manufacturing bases and over 20 branches around the globe. While modernized manufacturing bases ensure the supply of superior products, the complete sales network guarantees perfect services to customers worldwide.

Manufacturing Bases

**Global Branches** 

















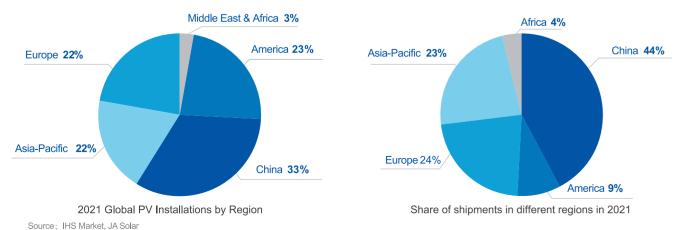


Solar Australia Pty Ltd

### 7 Global Market Coverage

Customers around the world

Products are sold to 135 + countries and districts



### 8 The Power of Stability — JA Solar Keeps No.2 Position in Global **Module Shipment Ranking of 2019**

PV InfoLink 2018

Global module shipment ranking list

| Ranking | Company   |
|---------|-----------|
| 1       | Company A |
| 2       | JA Solar  |
| 3       | Company B |
| 4       | Company C |
| 5       | Company D |
| 6       | Company E |
| 7       | Company F |
| 8       | Company G |
| 9       | Company H |
| 10      | Company I |

### PV InfoLink 2019 Global module shipment ranking list

| Ranking | Company   |
|---------|-----------|
| 1       | Company A |
| 2       | JA Solar  |
| 3       | Company B |
| 4       | Company C |
| 5       | Company D |
| 6       | Company E |
| 7       | Company F |
| 8       | Company G |
| 9       | Company H |
| 10      | Company I |
|         |           |

### 9 Rise in Global Ranking

Fortune China 500: JA Solar has been listed on Fortune China 500 for four consecutive years due to its strong financial strength. And its financial capacity is highly recognized by professional organizations.

**11300** million 2015 Revenue

13525 million 2016 Revenue **15737** million 2017 Revenue **19700** million 2018 Revenue

**21160** million 2019 Revenue
(In the delisting stage, the ranking only

2020 Revenue

41302 million 2021 Revenue

Note: The ranking of corporationsis measured by previous year's revenue (RMB)

### 10 Bankability Ratings

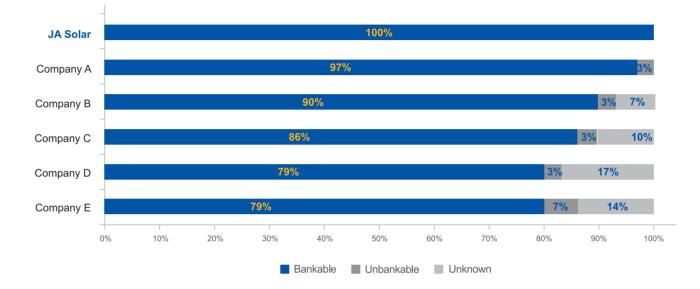


JA Solar AA-Rated Module Supplier in **PV ModuleTech Bankability Ratings** 

#### 11 A World-Class Bankable Brand

JA Solar is referred to by Bloomberg as a world-class bankable brand.

#### 2021 A world-class bankable brand rated by Bloomberg



### **12** Global Project References



**PV Project** in America

Location: America Total Capacity: 111MW Module Type: Bifacial PERC module Completion Time: April 201



## **PV Project** in Sweden Location:Sweden

Total Capacity: 200KW Module Type: Bifacial PERC module Completion Time: May 2018



Location: Qinghai Province Total Capacity: 100MW Module Type:Bifacial PERC double-glass Module Completion Time: 2017



Solar-Plus-**Storage Project** in Japan

Total Capacity: 32MW Module Type: Bifacial PERC module Completion Time: Oct 2019

### **PV Project** in Mexico

Location: Sonora, Mexico Total Capacity: 137.9MW Module Type: Bifacial PERC module Completion Time: 2018



### in Dubai DEWA Location: Dubai Total Capacity: 406MW Module Type:

**PV Project** 

Bifacial PERC module

Completion Time: Mar 2020

### 13 Leader in Product Development & LCOE Reduction

JA Solar has been committed to providing better products to its customers. By adhering to the strategy of "Innovation", JA Solar has constantly made breakthroughs in technology research and development,

### Signature Products



**DEEP BLUE 3.0** 

550W (72 cell) 595W (78 cell)

### MBB Half-cell PERC Module



Better mechanical loading tolerance

Lower LCOE

Less shading and lower resistive loss

545W (72 cell) 590W (78 cell)

**DEE**PBLUE 3.0

MBB Half-cell PERC Double Glass Module

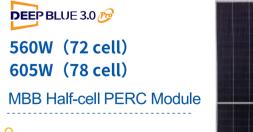
Higher power output

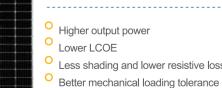
**DEE**PBLUE 4.0 **℃** 

575W (72 cell)

625W (78 cell)

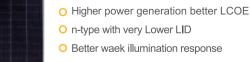
- Excellent temperature dependent performance
- Less shading and lower resistive loss
- More reliable and stable power generation capacity





Higher output power Lower LCOE

Less shading and lower resistive loss



Better waek illumination response

n-type Bifacial Double Glass

High Efficiency Monp Module

Better Temperature Coefficient