

ENF Solar Assessed Supplier

Assessment Report Presented to:

Anhui JF Solar Technology Co., Ltd.

安徽晶飞科技有限公司

Service Commissioned by:



Service Provided by:



September 6, 2024

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Expiry Date: 01/Sep./2026

Online Verification: <https://verified.chn.tuv.com>

Introduction

This report has been commissioned by ENF Solar – the world’s most visited solar website. Inspections have been undertaken by TÜV Rheinland – a testing service provider who have been testing solar components since 1985. TÜV Rheinland is part of TÜV Rheinland Group, a technical services company established in 1872 and employing 17,000 staff around the world.

To make these reports, TÜV Rheinland sends inspectors directly to the factories to collect data, take pictures and check documents.

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The objective of validating supplier information is to provide additional confidence to buyers so that they know the information has been verified by an independent third party.

The TÜV Rheinland “Supplier Capability Assessment” program is not designed to be a performance standard but rather an information validation program against an established criterion providing potential buyers with information on the establishments stated claims and capabilities.

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Company Overview

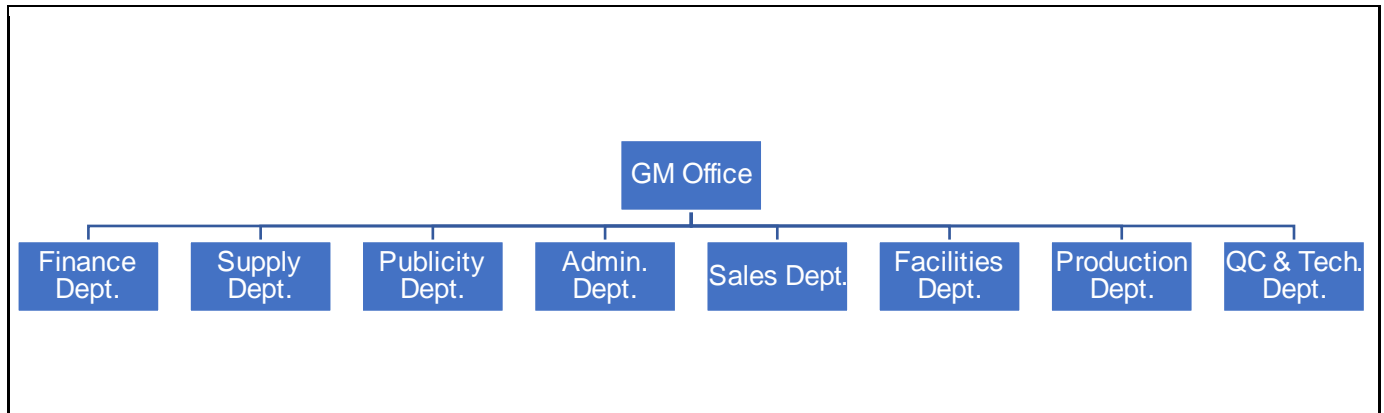
Identification	Details		
Company Name	Anhui JF Solar Technology Co., Ltd.		
Facility address	No. 9, Taiyanghe West Road, He County Economic Development Zone, Ma'anshan City, Anhui Province, China		
	Contact Person:	Mr. Jingwei Li	
	Tel:	0086-0555-5510000	
	Fax:	N/A	
	E-mail:	lijingwei@jf-solartech.com	
URL/Web Address	https://www.jf-solartech.com		
Report Date	02/Sep./2024		
Expiry Date (24 months validity)	02/Sep./2024 -- 01/Sep./2026		
Name of Assessor	Leaf Jiang		
Overall Turnover of Last Year	Confidential		
Total Building Size	22,068 Square Meters		
Number of Buildings	5		
Office Size	4014 Square Meters		
Working Day	Monday to Friday	Working Hours	08:00 --12:00
			13:00 --17:00

Legal Entity

Legal Entity			
Business License Number	91340523MA2W6T1670		
Year Established	09/Sep./2020	Validity Period:	09/Sep./2020 -- 31/Dec./2049
Registered Address	No. 9, Taiyanghe West Road, He County Economic Development Zone, Ma'anshan City, Anhui Province		
Company Address	No. 9, Taiyanghe West Road, He County Economic Development Zone, Ma'anshan City, Anhui Province		
Registered Capital	RMB 40,850,000		
Corporate Representative	Mr. Yongzhuan Shu		
Industry	Solar Energy Product		
Products /Service	Solar Panel		
Business Type	<input type="checkbox"/> Manufacturer	<input type="checkbox"/> Trading Company	<input checked="" type="checkbox"/> Combined
Type of Ownership	<input checked="" type="checkbox"/> Private Owner	<input type="checkbox"/> Public Company	<input type="checkbox"/> Joint Venture
	<input type="checkbox"/> Stated Owned	<input type="checkbox"/> Sole Proprietorship	<input type="checkbox"/> Other

Human Resources

Company Organization Chart



Department Name	Full Time Employee(s)	Part-Time Employee(s)	Total
GM Office	2	0	2
Finance Dept.	2	0	2
Supply Dept.	4	0	4
Publicity Dept.	1	0	1
Admin. Dept.	9	0	9
Sales Dept.	4	0	4
Facilities Dept.	7	0	7
Production Dept.	48	0	49
QC & Tech. Dept.	5	0	4
Totals	82	0	82

Export Business Capacity

Current Export Situation

There are 5 foreign trading employees in the company.

Working Experience	Headcount
Over 30 Years	0
21-30 Years	0
11-20 Years	1
6-10 Years	1
2-5 Years	1
Less than 2 years	2

Accepted Language	Listening & Speaking	Reading & Writing
English	Yes	Yes
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Does the company have a valid export license?	<input checked="" type="checkbox"/> Yes			<input type="checkbox"/> No
	Export License Registration No.: 02866593			
Trade Agents Employed Overseas	<input type="checkbox"/> Yes			<input checked="" type="checkbox"/> No
Nearest Port	Shanghai Port			
Accepted Payment Terms	<input checked="" type="checkbox"/> FOB	<input checked="" type="checkbox"/> CIF	<input checked="" type="checkbox"/> EXW	<input checked="" type="checkbox"/> CFR
Accepted Payment Types	<input checked="" type="checkbox"/> L/C	<input checked="" type="checkbox"/> T/T	<input checked="" type="checkbox"/> Credit Card	<input checked="" type="checkbox"/> Cash
	<input checked="" type="checkbox"/> West Union	<input checked="" type="checkbox"/> Money Gram	<input checked="" type="checkbox"/> Paypal	<input checked="" type="checkbox"/> Money booker
Average lead time from product order confirmation to production delivery (products exiting the company)	7 -- 15 Days			

Market Distribution (Previous 12 Months)

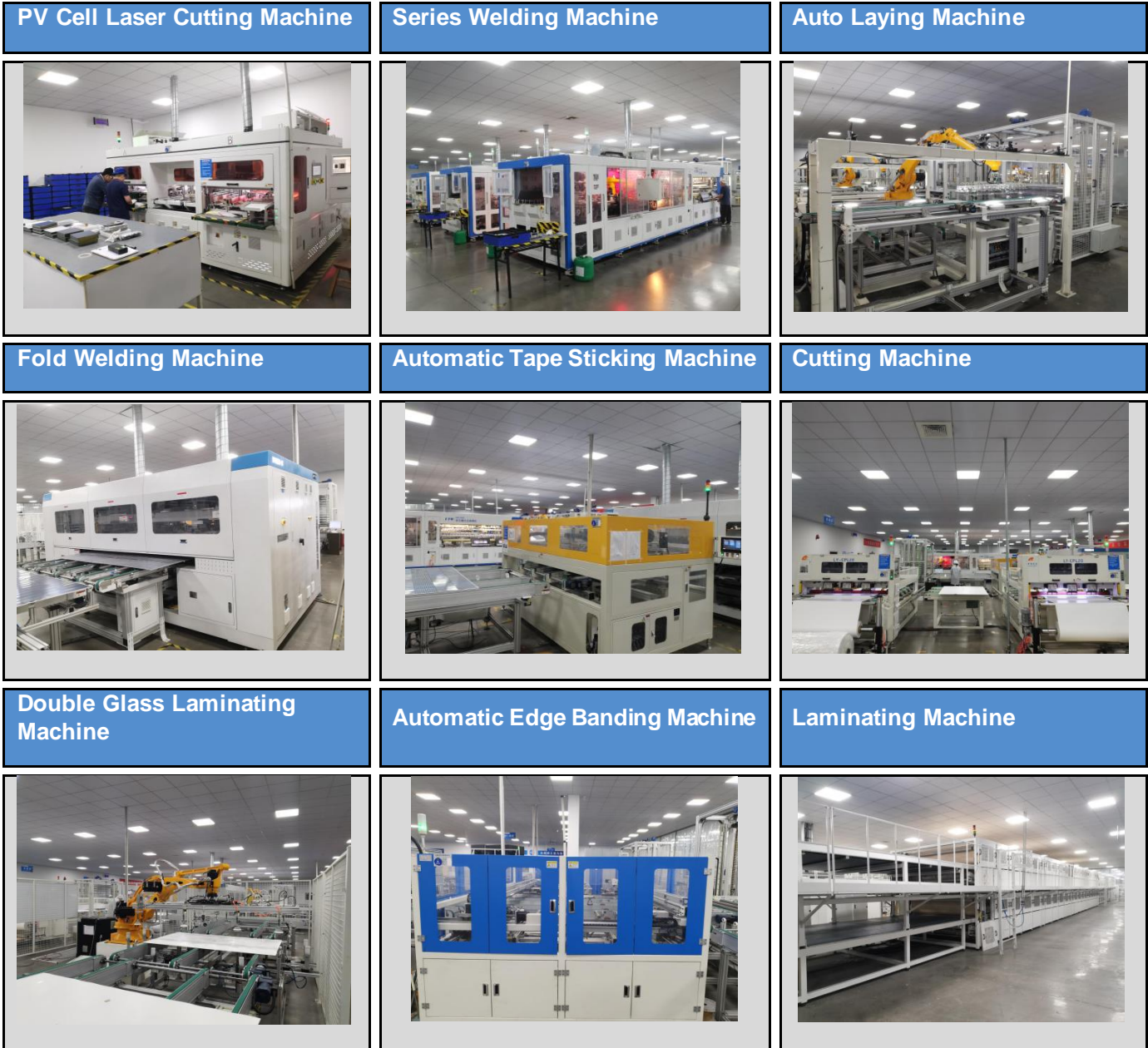
Market	Main Product(s)	Total Revenue (%)
North America	N/A	0
South America	N/A	0
Eastern Europe	Solar Panel	2
Southeast Asia	Solar Panel	10
Africa	Solar Panel	10
Oceania	N/A	0
Middle East	Solar Panel	10
Eastern Asia	N/A	0
Western Europe	Solar Panel	10
Central America	N/A	0
Northern Europe	Solar Panel	10
Southern Europe	Solar Panel	8
South Asia	Solar Panel	10
Domestic Market	Solar Panel	30






Product Capabilities

Production Capacity		
Product Name	Production Line Capacity (Monthly)	Actual Units Produced (Previous Year)
Solar Panel	100 MW / Month	1200 MW / Year

Production Machinery			
Key Machine Name	Brand & Model No.	Quantity	Condition
PV Cell Laser Cutting Machine	SSC-8000B	2	Acceptable
Series Welding Machine	MS100B	3	Acceptable
Auto Laying Machine	ER20/10-2000-HI	9	Acceptable
Fold Welding Machine	DH180-H	3	Acceptable
Automatic Tape Sticking Machine	AST2918-A01-ZY01	2	Acceptable
Cutting Machine	LY-CPL20	6	Acceptable
Double Glass Laminating Machine	ER120-2400-PL	2	Acceptable
Automatic Edge Banding Machine	No Information	2	Acceptable
Laminating Machine	BSL2787	4	Acceptable
Auto Trimming Machine	No Information	2	Acceptable
Flip Check Machine	No Information	2	Acceptable

Frame Assembling Machine	ZKJ2000	2	Acceptable
Auto Welding Machine	No Information	1	Acceptable
Glue Filling Machine	SPZ-AB10S-JH	2	Acceptable



Auto Trimming Machine	Flip Check Machine	Frame Assembling Machine
		
Auto Welding Machine	Glue Filling Machine	N/A
		N/A

Key Testing Machinery			
Machine Name	Brand & Model No.	Quantity	Condition
Voltage Insulation Tester	No Information	4	Acceptable
EL Testing Machine	MPS-EBV-AS	4	Acceptable
IV Testing Machine	GIV-20ATS	2	Acceptable

EL Testing Machine



IV Testing Machine



Voltage Insulation Tester



Production Flow

Cutting



Dicing Saw



Series Welding



Laying



Fold Welding



Sticking





R & D Capacity

Current Situation			
There are <u>4</u> R&D engineers in the company.			
Education Level	Headcount	Work Experience	Headcount
Doctorate	0	Over 30 Years	0
Post-Graduate	0	21-30 Years	0
Graduate	3	11-20 Years	1
Junior College	1	6-10 Years	3
Technical School	0	2-5 Years	0
High School	0	Less than 2 years	0

Brand Situation				
Registration/application No.	Brand Name	For Approval to Use Goods	Validity Date	Ref.
54886469	Graphic Logo	Semiconductor; Optical fiber (optical waveguide); Photovoltaic cells; Chip for integrated circuit; Solar cell; Light regulator (electric)	28/Dec./2021 -- 27/Dec./2031	Photo in Trademark Photo

Patent Situation				
Patent No.	The Name of the Patent	The Patent Type	Available Date	Ref.

ZL 2020 1 1410674.0	One Solar Panel Convenient For Installation	Invention Patent	8/Apr./2022	Photo in Patent Photo
ZL 2020 1 1421967.9	One Dispensing Equipment For Semiconductor Processing And Its Working Method	Invention Patent	8/Jul./2021	Photo in Patent Photo
ZL 2020 1 1406453.6	The Invention Relates To A Heat Dissipation Device For A Motor And A Method For Using It	Invention Patent	28/Dec./2021	Photo in Patent Photo
Does the company provide OEM/ODM service for others?			<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Are there relevant design input/output, review, and verification documents available for the assessed company?			<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Based on inspection, are R&D employees equipped with adequate specialized equipment?			<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Do R&D employees use any specific software for designing new products?			<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No

Development Devices

N/A	N/A	N/A
N/A	N/A	N/A

Management Systems & Quality Control Management

Quality Management System Certification				
Certification	Certified By	Certificate No.	Business Scope	Expiry Date
ISO9001:2015	Xinchuangxin International Certification Co., Ltd	A35023QXCX01M	Production and sales of solar photovoltaic modules	17/Jan./2024 -- 16/Jan./2027
ISO14001:2015	Xinchuangxin International Certification Co., Ltd	A35123EXCX01M	Production and sales of solar photovoltaic modules, and related environmental management activities	17/Jan./2024 -- 16/Jan./2027

Product Certification				
Certification	Certified By	Certificate No.	Product Name & Model No.	Expiry Date
CQC	CQC	CQC2102430151	Crystalline silicon photovoltaic module	18/Mar./2022 – long term
PCCC	PCCC	22P11709001ROM	JF-182SHM3C (395-415W) JF-182SHM6C (485-495W) JF-182SHM7C (530-550W) JF-182SHM8C (575-595W) P-type high efficiency single crystal multi main grid half photovoltaic module (182mm)	20/Jan./2022 – 19/Jan./2027

PCCC	PCCC	22P11709004ROM	JF-210SHM2E (480-500W) JF-210SHM4E (530-550W) JF-210SHM5E (590-615W) JF-210SHM6E (650-680W) P-type high efficiency single crystal multi main grid half photovoltaic module (210mm)	20/Jan./2022 – 19/Jan./2027
CE	TUV NORD	040R1M1&CE018	P12-VA-01 Rev. 17 09.20 IEC / EN 61215-1:2016; IEC / EN 61215-1-1:2016; IEC 61215-2:2016 / EN 61215-2:2017 + AC:2017 + AC:2018; IEC 61730-1:2016 / EN IEC 61730-1:2018 + AC:2018; IEC 61730-2:2016 / EN IEC 61730-2:2018 + AC:2018.	21/Feb./2022 -- 5/Apr./2026

Test Report			
Test Report	Certified By	Product Name & Model No.	Expiry Date
N/A	N/A	N/A	N/A

Quality Control Management		
Content	Observations / Comments	
Does the company set up any inspection standards for raw materials?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No

Has the company set up necessary quality inspection standards in the process of production?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Does the company have any measures to control the management of unqualified materials after sampling, to avoid mixing up or wasting?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Are work instructions available at the location where the processes take place?	<input checked="" type="checkbox"/> Total line	<input type="checkbox"/> Parts of the line
Is personal protective equipment (PPE) needed in the production line?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Is the management and usage of production materials as well as the production process executed by staff who are appropriately trained and qualified or by senior staff?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No

Supplier Management				
Content	Observations / Comments			
Does the company have a supplier assessment procedure?	<input checked="" type="checkbox"/> Yes			<input type="checkbox"/> No
Does the company establish and implement a standard procedure for purchasing contract review and approval?	<input checked="" type="checkbox"/> Yes, with written standard procedures	<input type="checkbox"/> Yes, with written procedure but lack of consistent standard		
Does the company keep its supplier assessment reports?	<input checked="" type="checkbox"/> Yes, Keep for 1 years available			<input type="checkbox"/> No
Are the company's purchasing documents sufficient to ensure product safety control and their customers' requirements?	<input checked="" type="checkbox"/> Yes, the purchasing document includes all the information required	<input type="checkbox"/> Yes, however the purchasing document includes incomplete information		

Is there a procedure to conduct random product inspections after final packaging?	<input checked="" type="checkbox"/> Yes, with clear standard and written inspection records	<input type="checkbox"/> Yes, with inspection records but no procedures	<input type="checkbox"/> Yes, with procedures but no inspection records	<input type="checkbox"/> No, inspections are not necessary
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After Sales Service				
Content	Observations / Comments			
Has the company set up any procedure for customer feedback, including complaints, clearly recorded and maintained?	<input checked="" type="checkbox"/> Yes, with a standard feedback form and records	<input type="checkbox"/> Yes, with a standard feedback form but no records	<input type="checkbox"/> Yes, with records but no standard feedback form	<input type="checkbox"/> No
Are there any clear procedures for handling customer complaints?	<input checked="" type="checkbox"/> Yes, with clear procedures and written records	<input type="checkbox"/> Yes, with clear procedures but no written records	<input type="checkbox"/> Yes, with written records but no clear procedures	<input type="checkbox"/> No
Does the company have the SOP (Standard Operation Procedure) for after-sales service? Does the company provide after-sales consulting services?	<input checked="" type="checkbox"/> Yes			<input type="checkbox"/> No
Does the company implement the provisions of the National Three Warrantees (warranty for repair/replacement /return) for their products?	<input checked="" type="checkbox"/> Yes			<input type="checkbox"/> No

Corporate Social Responsibility

Child Labour & Forced Labor		
Content	Observations / Comments	
Is it clarified that there's no child labor in the company?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No

Does the company have an explicit job management program, and take corresponding measures to check the age of the employees?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Are the staff clearly aware of the terms of labour contract, regulations of the company and the right of free employment?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Have the staff been forced to work overtime? Will they be fined or fired if they refuse to?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No

Health and Safety		
Content	Observations / Comments	
Has the company set up a safety responsibility system, and distributed to all levels of supervisor and provided them with corresponding training?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Does the company conduct regular inspection of the plant and equipment, to ensure the health and safety of the workshop at least in accordance with the law?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Does the company regularly provide necessary safety and health training, to make the staff understand that there might be occupational hazards in their work, and take appropriate protective measures when necessary? (For example, how to use personal protective equipment safely, etc.)	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Does the company hold regular fire drills, including fire drills and evacuation drills? Do the staff clearly know how to raise an alarm, how to evacuate and how to use the fire extinguisher?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No (No regular fire drill was conducted by the factory)
Does the company have the approval report issued by the local Fire Bureau?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Does the company provide sufficient first aid equipment? Are first-aid kits and trained first-aiders available in each workplace?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No (No qualified first aider available in workshop)
Does the company provide clean lavatories, separating men's and ladies'?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No

Does the company provide clean drinking water to the staff? Is there unrestricted access to the drinking water?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
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Development / Expansion Plans

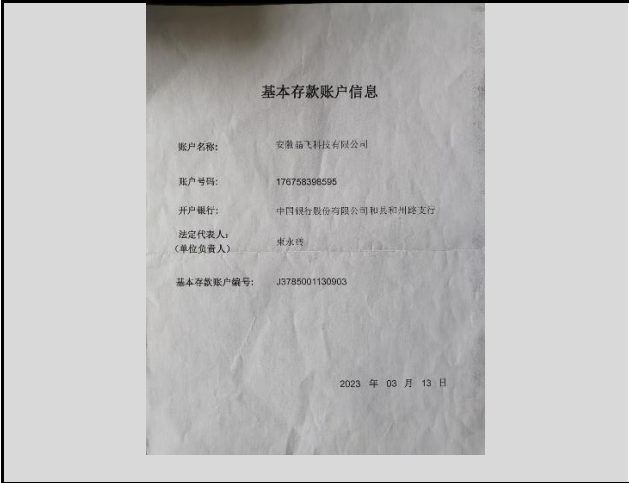
Company Development / Expansion Plans	
Company Development Action	Timeframe
The organization is going to develop the new overseas market.	12 Months

Certification & Photos

Certification

Business License	Tax Registration Certificate
<p>营业执照 (副本)</p> <p>统一社会信用代码: 91340523MA2PW1670D(1-1)</p> <p>名称: 安徽晶飞科技有限公司</p> <p>类型: 其他有限责任公司</p> <p>法定代表人: 梁永辉</p> <p>经营范围: 工程和技术研究和试验发展; 光伏设备元器件制造; 光伏设备元器件销售; 光伏发电设备租赁; 电子元器件与机电组件设备制造; 太阳能发电技术服务; 光伏设备销售; 技术服务; 安全; 输电; 供电业务; 新材料技术推广服务; 半导体器件专用设备制造; 半导体器件专用设备销售; 合同能源管理; 技术服务; 技术开发; 技术咨询; 技术交流; 技术转让; 技术推广; (依法须经批准的项目, 经相关部门批准后方可开展经营活动)</p> <p>登记机关: 马鞍山市市场监督管理局</p> <p>2023年05月23日</p>	<p>营业执照 (副本)</p> <p>统一社会信用代码: 91340523MA2PW1670D(1-1)</p> <p>名称: 安徽晶飞科技有限公司</p> <p>类型: 其他有限责任公司</p> <p>法定代表人: 梁永辉</p> <p>经营范围: 工程和技术研究和试验发展; 光伏设备元器件制造; 光伏设备元器件销售; 光伏发电设备租赁; 电子元器件与机电组件设备制造; 太阳能发电技术服务; 光伏设备销售; 技术服务; 安全; 输电; 供电业务; 新材料技术推广服务; 半导体器件专用设备制造; 半导体器件专用设备销售; 合同能源管理; 技术服务; 技术开发; 技术咨询; 技术交流; 技术转让; 技术推广; (依法须经批准的项目, 经相关部门批准后方可开展经营活动)</p> <p>登记机关: 马鞍山市市场监督管理局</p> <p>2023年05月23日</p>

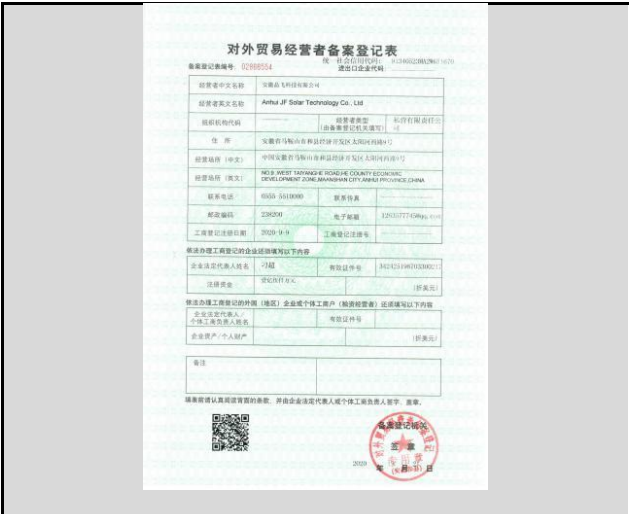
Permit for Opening Bank Account



Organization Code Certificate



Certificate Photo – Export License



Certificate Photo -- Trade Mark



Certificate Photo -- Patent 1



Certificate Photo -- Patent 2



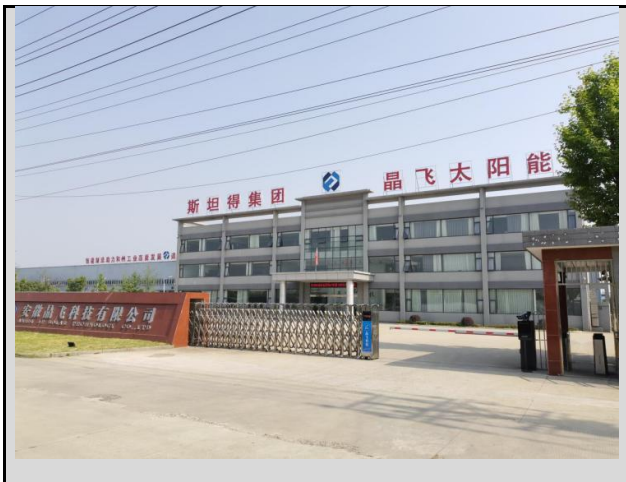
Certificate Photo -- PCCC Certificate



Certificate Photo -- PCCC Certificate



Company Gate



Office



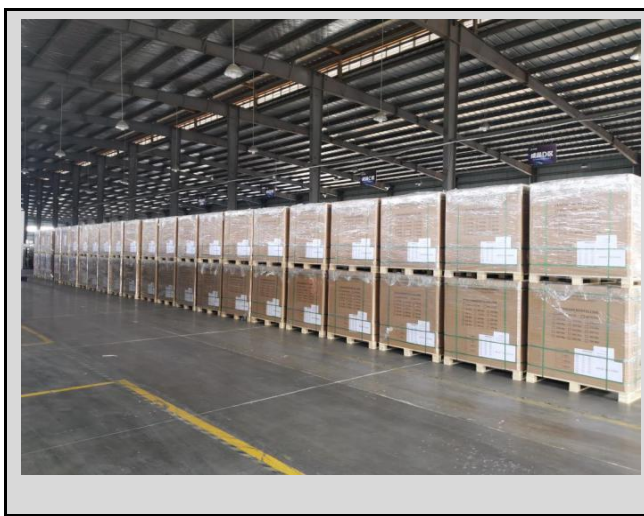
Workshop



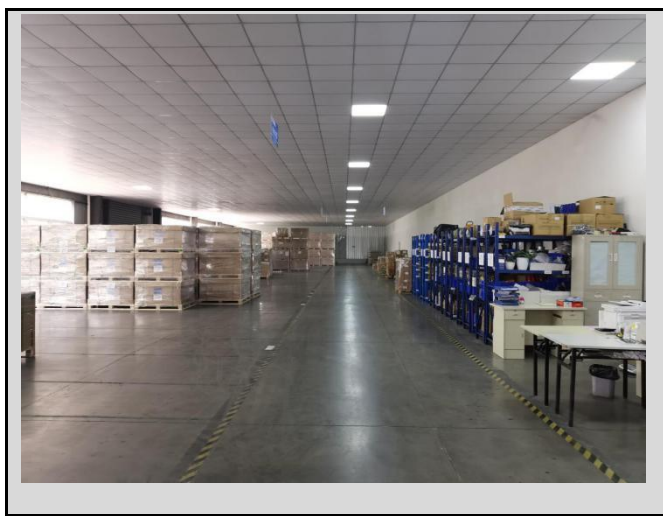
Workshop



Warehouse



Warehouse



Show Room



Product Photo



-- The END --