

## ENF Solar Assessed Supplier

Assessment Report Presented to:

Jiangsu Sulv New Material Technology Co., Ltd.  
江苏苏铝新材料科技有限公司

Service Commissioned by:



Service Provided by:



July 20, 2022

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Expiry Date: 15/Jul./2024

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## 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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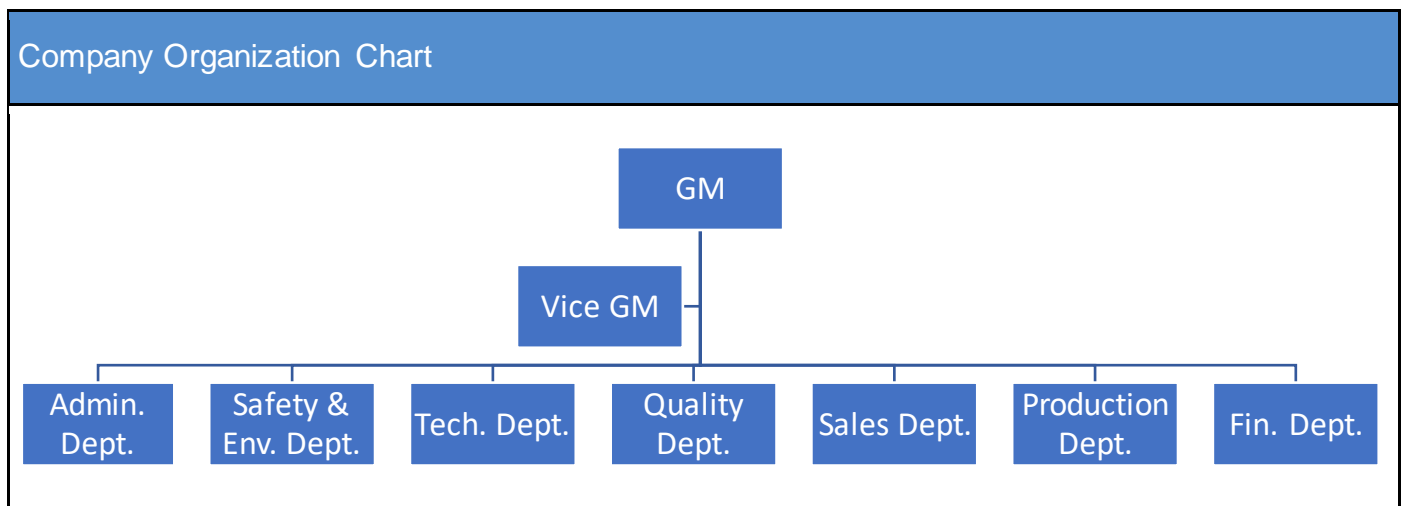
## Company Overview

Identification	Details		
Company Name	Jiangsu Sulv New Material Technology Co., Ltd.		
Facility address	No. 98, Dianchang Road, Shanquan Village, Zhouzhuang Town, Jiangyin City, Wuxi City, Jiangsu Province, China		
	Contact Person:	Ms. Zhaojing Guo	
	Tel:	0086-18616826508	
	Fax:	0086-510-66833011	
	E-mail:	guozhaojing@jssulv.com	
URL/Web Address	WWW.JSSULV.COM		
Report Date	16/Jul./2022		
Expiry Date (24 months validity)	16/Jul./2022 -- 15/Jul./2024		
Name of Assessor	Gang Wang		
Overall Turnover of Last Year	RMB 64,738,958.67		
Total Building Size	34,984.98 m <sup>2</sup>		
Number of Buildings	2		
Office Size	2200 m <sup>2</sup>		
Working Day	Monday to Saturday	Working Hours	8:00 -- 11:00 12:00 -- 20:00

## Legal Entity

Legal Entity			
Business License Number	91320281MA1R8LXD0Y		
Year Established	28/Sep./2017	Validity Period:	28/Sep./2017 -- 31/Dec./2049
Registered Address	No. 77, Wanquan Road, Shanquan Village, Zhouzhuang Town, Jiangyin City, Wuxi City, Jiangsu Province, China		
Company Address	No. 98, Dianchang Road, Shanquan Village, Zhouzhuang Town, Jiangyin City, Wuxi City, Jiangsu Province, China		
Registered Capital	RMB 12,000,000		
Corporate Representative	Mr. Liangdong Chen		
Industry	Solar Panel		
Products /Service	Frame, Mounting System		
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



Department Name	Full Time Employee(s)	Part-Time Employee(s)	Total
GM	1	0	1
Vice GM	3	0	3
Admin. Dept.	16	0	16
Safety & Env. Dept.	25	0	25
Tech. Dept.	10	0	10
Quality Dept.	62	0	62
Sales Dept.	10	0	10
Production Dept.	407	0	407
Fin. Dept.	8	0	8
<b>Totals</b>	<b>542</b>	<b>0</b>	<b>542</b>

## Export Business Capacity

Current Export Situation																																						
There are 4 foreign trading employees in the company.																																						
<table border="1"> <thead> <tr> <th>Working Experience</th><th>Headcount</th></tr> </thead> <tbody> <tr> <td>Over 30 Years</td><td>0</td></tr> <tr> <td>21-30 Years</td><td>0</td></tr> <tr> <td>11-20 Years</td><td>4</td></tr> <tr> <td>6-10 Years</td><td>0</td></tr> <tr> <td>2-5 Years</td><td>0</td></tr> <tr> <td>Less than 2 years</td><td>0</td></tr> </tbody> </table>	Working Experience	Headcount	Over 30 Years	0	21-30 Years	0	11-20 Years	4	6-10 Years	0	2-5 Years	0	Less than 2 years	0	<table border="1"> <thead> <tr> <th>Accepted Language</th><th>Listening &amp; Speaking</th><th>Reading &amp; Writing</th></tr> </thead> <tbody> <tr> <td>English</td><td>Yes</td><td>Yes</td></tr> <tr> <td>N/A</td><td>N/A</td><td>N/A</td></tr> <tr> <td>N/A</td><td>N/A</td><td>N/A</td></tr> <tr> <td>N/A</td><td>N/A</td><td>N/A</td></tr> <tr> <td>N/A</td><td>N/A</td><td>N/A</td></tr> <tr> <td>N/A</td><td>N/A</td><td>N/A</td></tr> </tbody> </table>	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		
Working Experience	Headcount																																					
Over 30 Years	0																																					
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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 Export License Registration No.: 04150849	<input type="checkbox"/> No																																			
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 type="checkbox"/> Credit Card	<input checked="" type="checkbox"/> Cash
	<input checked="" type="checkbox"/> West Union	<input type="checkbox"/> Money Gram	<input type="checkbox"/> Paypal	<input type="checkbox"/> Money booker
Average lead time from product order confirmation to production delivery (products exiting the company)	12 Days			

Market Distribution (Previous 12 Months)		
Market	Main Product(s)	Total Revenue (%)
North America	Frame, Mounting System	20
South America	N/A	0
Eastern Europe	N/A	0
Southeast Asia	Frame, Mounting System	10
Africa	N/A	0
Oceania	N/A	0
Middle East	N/A	0
Eastern Asia	Frame, Mounting System	10
Western Europe	Frame, Mounting System	10
Central America	N/A	0
Northern Europe	Frame, Mounting System	10
Southern Europe	Frame, Mounting System	10
South Asia	N/A	0
Domestic Market	Frame, Mounting System	30

## Product Capabilities

Production Capacity		
Product Name	Production Line Capacity (Monthly)	Actual Units Produced (Previous Year)
Frame, Mounting System	5,000 Tons / Month	42,966 Tons

Production Machinery			
Key Machine Name	Brand & Model No.	Quantity	Condition
(Frame, Mounting System) Melting and Casting Production Line	30 Tons	1	Acceptable
(Frame, Mounting System) Extrusion Line	880T	13	Acceptable
(Frame, Mounting System) Sand Blasting Production Line	JX-1308A	6	Acceptable
(Frame, Mounting System) Anodizing Production Line	No Information	1	Acceptable
(Frame, Mounting System) Drying Production Line	No Information	1	Acceptable
(Frame, Mounting System) Automatic Machining Line	No Information	11	Acceptable





#### Key Testing Machinery

Machine Name	Brand & Model No.	Quantity	Condition
(Frame, Mounting System) Tensile Testing Machine	TFW-50B	1	Acceptable
(Frame, Mounting System) Salt Spray Tester	TLE-60A	1	Acceptable
(Frame, Mounting System) Electro-Thermostatic Water Bath	HH.S21-4	1	Acceptable

(Frame, Mounting System)  
Tensile Testing Machine



(Frame, Mounting System)  
Salt Spray Tester



(Frame, Mounting System)  
Electro-Thermostatic Water Bath



### Production Flow (Frame, Mounting System)

1. Aluminium Bar Casting



2. Aluminum Profile Extrusion



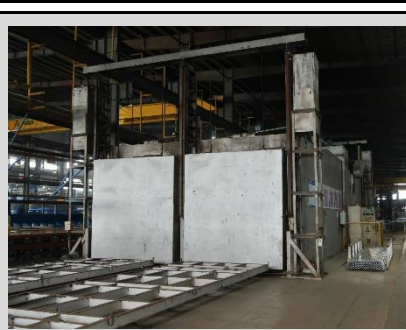
3. Aluminum Profile Cooling



4. Aluminum Profile Cutting



5. Aluminum Profile Aging Treatment



6. Aluminum Profile Sandblasting





7. Aluminum Profile Anodizing



8. Aluminum Profile Dring



9. Aluminum Profile Inspection



10. Aluminum Profile Packing



11. Frame, Mounting System Automatic Machining



12. Frame, Mounting System Inspection



13. Frame, Mounting System Packing



14. Frame, Mounting System Storage



15. Frame, Mounting System Transport



## R & D Capacity

### Current Situation

There are 10 R&D engineers in the company.

Education Level	Headcount
Doctorate	0
Post-Graduate	0
Graduate	6
Junior College	4
Technical School	0
High School	0

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

### Brand Situation

Registration/application No.	Brand Name	For Approval to Use Goods	Validity Date	Ref.
N/A	N/A	N/A	N/A	N/A

### Patent Situation

Patent No.	The Name of the Patent	The Patent Type	Available Date	Ref.
N/A	N/A	N/A	N/A	N/A
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 checked="" type="checkbox"/> Yes, Auto CAD	<input 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
ISO 9001:2015	World Standards for Certification Center Inc.	03822Q05825R1M-2	Production of aluminum alloy profiles	07/Jul./2022 -- 11/Jul./2025
ISO 14001:2015	World Standards for Certification Center Inc.	03822E05826R1M-2	Relevant environmental management activities involved in the production of aluminum alloy profiles	07/Jul./2022 -- 11/Jul./2025
ISO 45001:2018	World Standards for Certification Center Inc.	03821S03944R0M-2	Relevant occupational health and safety management activities involved in the production of aluminum alloy profiles	29/Dec./2021 -- 11/May/2024

Product Certification				
Certification	Certified By	Certificate No.	Product Name & Model No.	Expiry Date
N/A	N/A	N/A	N/A	N/A

Test Report			
Test Report	Certified By	Product Name & Model No.	Expiry Date
Inspection and Test Report	National Ship Materials Quality Inspection and Testing Center (Jiangsu)	Solar Aluminum Frame	26/Apr./2022
Inspection and Test Report	National Ship Materials Quality Inspection and Testing Center (Jiangsu)	Solar Aluminum Frame	9/Jun./2022

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	<input type="checkbox"/> No
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		<input type="checkbox"/> No
Does the company keep its supplier assessment reports?	<input checked="" type="checkbox"/> Yes, Keep for <u>3</u> 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		<input type="checkbox"/> No
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

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 Warranties (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
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 type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
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

## Development / Expansion Plans

Company Development / Expansion Plans	
Company Development Action	Timeframe
In order to comply with the international environmental strategic deployment of "carbon peak, carbon neutral", based on the new energy outlet, and actively participate in the energy revolution, the company plans to invest in an aluminum alloy project with an output of 100,000 tons in Suqian City, Jiangsu Province in 2022.	In Year 2022

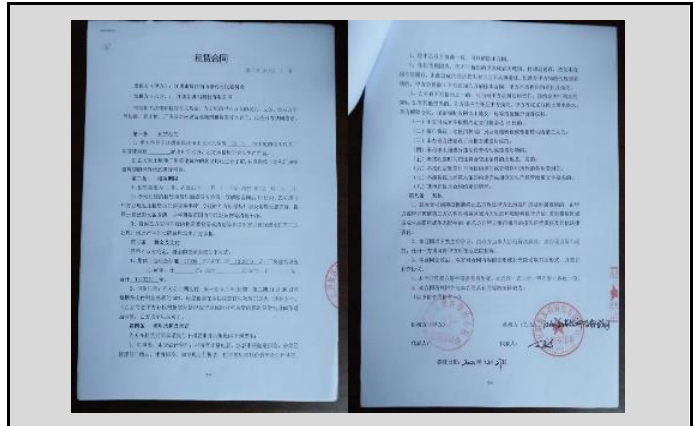
# S Certification & Photos

## Certification

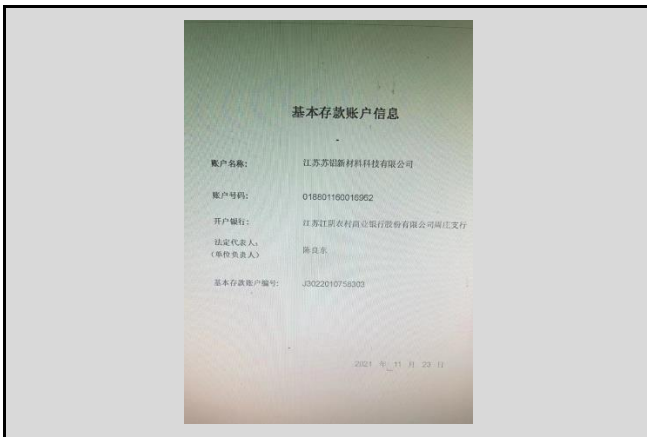
### Business License



### Lease Contract



### Deposit Account



### Import and Export Enterprise Registration Certificate



### Certificate Photo -- ISO9001:2015 Certificate



### Certificate Photo -- ISO14001:2015 Certificate



Certificate Photo – ISO45001:2018 Certificate



Certificate Photo – Test Report



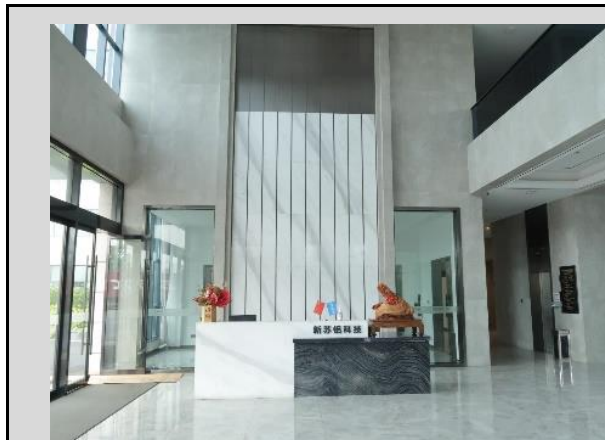
Company Gate



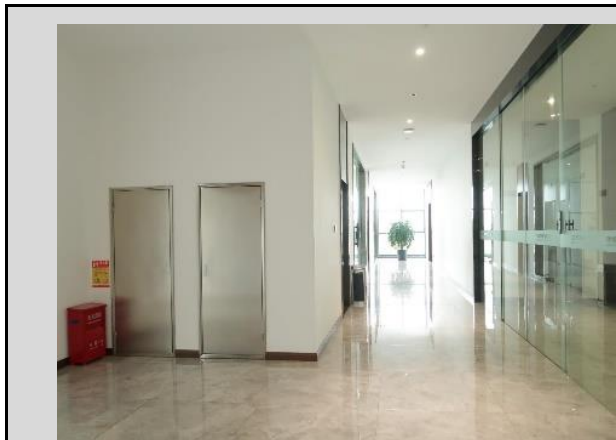
Office Building



Reception



Office





Workshop



Workshop



Workshop



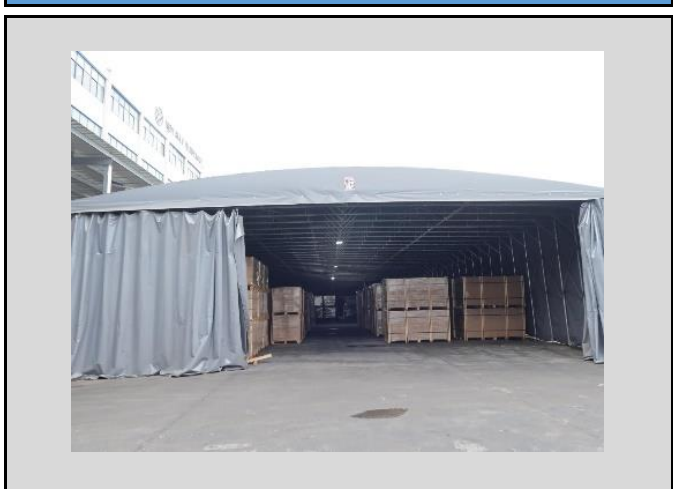
Workshop



Workshop



Warehouse



Product Photo



Product Photo



-- The END --