

ENF Solar Assessed Supplier

Assessment Report Presented to:

Xiamen Trip Solar Technology Co., Ltd.
厦门川莆太阳能科技有限公司

Service Commissioned by:



Service Provided by:



July 13, 2019

Report Number: <<C159ENF20190602>>

Report Date: 08/Jul./2019

Expiry Date: 07/Jul./2021

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.

TÜV Rheinland's Disclaimer:

This report reflects our findings for the particular company in concern on the date of our service only. This report does not discharge or release the factory/sellers/suppliers from their commercial, legal or contractual obligations with buyers in respect of products provided by the factory/sellers/suppliers. Any reader other than the party for which this report has been specifically issued is hereby informed that the General Conditions of Service of TÜV Rheinland contain liability limitation provisions.

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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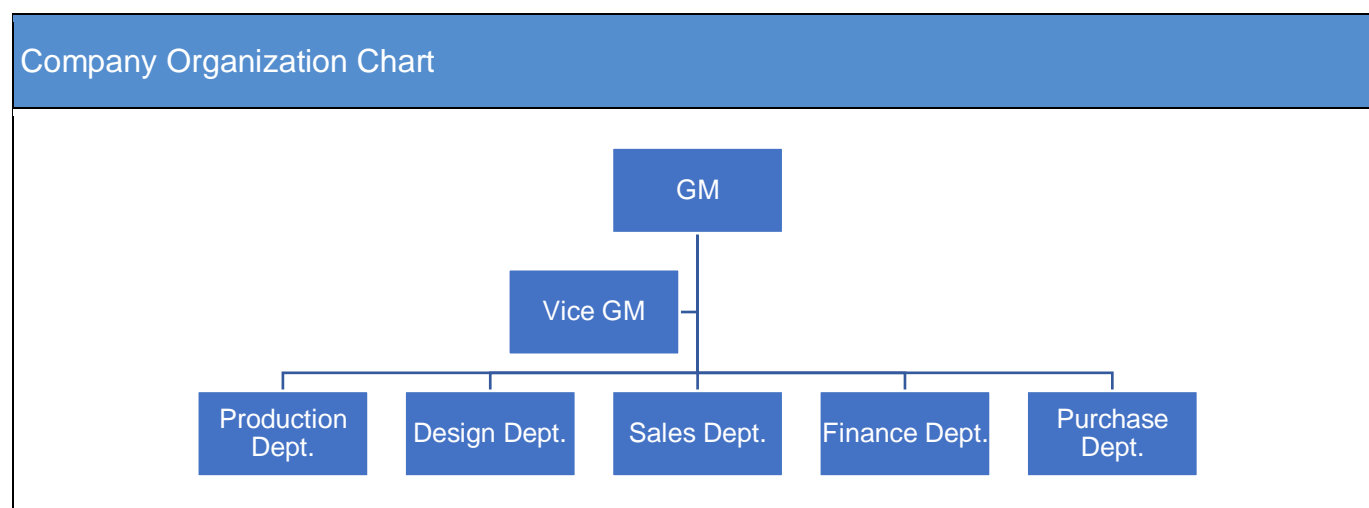
Company Overview

Identification	Details		
Company Name	Xiamen Trip Solar Technology Co., Ltd.		
Facility address	Area A, Factory Building, No. 55, Pingcheng North Road, Haicang District, Xiamen City, Fujian Province, China		
	Contact Person:	Mr. Renzheng Qiu	
	Tel:	0086-15805906518	
	Fax:	0086-592-6513695	
	E-mail:	tyrone@tripsolar.com	
URL/Web Address	Http://www.tripsolar.com		
Report Date	08/Jul./2019		
Expiry Date (24 months validity)	07/Jul./2021		
Name of Assessor	Yingying Jiang		
Overall Turnover of Last Year	Confidential		
Total Building Size	4,400 Square Meters		
Number of Buildings	1		
Office Size	600 Square Meters		
Working Day	Mon. to Fri.	Working Hours	08:30 -- 12:00 13:30 -- 17:30

Legal Entity

Legal Entity			
Business License Number	91350205MA31ETX33G		
Year Established	10/Jan./2018	Validity Period:	10/Jan./2018 -- 09/Jan./2068
Registered Address	Area A, Factory Building, No. 55, Pingcheng North Road, Haicang District, Xiamen City, Fujian Province, China		
Company Address	Area A, Factory Building, No. 55, Pingcheng North Road, Haicang District, Xiamen City, Fujian Province, China		
Registered Capital	RMB 10,000,000		
Corporate Representative	Mr. Renzheng Qiu		
Industry	Solar Energy Systems		
Products /Service	Solar Carport; Solar Floating System; RV Solar Mounting System; Ground Solar Mounting System; Solar Water Pump		
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	1	0	1
Production Dept.	18	0	1
Design Dept.	2	0	2
Sales Dept.	8	0	8
Finance Dept.	1	0	18
Purchase Dept.	1	0	1
Totals	32	0	32

Export Business Capacity

Current Export Situation

There are 7 foreign trading employees in the company.

Working Experience	Headcount
Over 30 Years	0
21-30 Years	0
11-20 Years	0
6-10 Years	3
2-5 Years	1
Less than 2 years	3

Accepted Language	Listening & Speaking	Reading & Writing
English	Yes	Yes
Japanese	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

Does the company have a valid export license?	<input checked="" type="checkbox"/> Yes Export License Registration No.: 91350205MA31ETX 33G	<input type="checkbox"/> No
Trade Agents Employed Overseas	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Nearest Port	Xiamen 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 type="checkbox"/> Money Gram	<input checked="" type="checkbox"/> Paypal	<input type="checkbox"/> Money booker
Average lead time from product order confirmation to production delivery (products exiting the company)	15 Days			

Market Distribution (Previous 12 Months)		
Market	Main Product(s)	Total Revenue (%)
North America	Solar Carport, Solar Floating System, RV Solar Mounting System, Ground Solar Mounting System, Solar Water Pump	9
South America	Solar Carport, Solar Floating System, RV Solar Mounting System, Ground Solar Mounting System, Solar Water Pump	4
Eastern Europe	Solar Carport, Solar Floating System, RV Solar Mounting System, Ground Solar Mounting System, Solar Water Pump	10
Southeast Asia	Solar Carport, Solar Floating System, RV Solar Mounting System, Ground Solar Mounting System, Solar Water Pump	15
Africa	Solar Carport, Solar Floating System, RV Solar Mounting System, Ground Solar Mounting System, Solar Water Pump	2
Oceania	Solar Carport, Solar Floating System, RV Solar Mounting System, Ground Solar Mounting System, Solar Water Pump	7
Middle East	Solar Carport, Solar Floating System, RV Solar Mounting System, Ground Solar Mounting System, Solar Water Pump	2
Eastern Asia	Solar Carport, Solar Floating System, RV Solar Mounting System, Ground Solar Mounting System, Solar Water Pump	2
Western Europe	Solar Carport, Solar Floating System, RV Solar Mounting	12

	System, Ground Solar Mounting System, Solar Water Pump	
Central America	Solar Carport, Solar Floating System, RV Solar Mounting System, Ground Solar Mounting System, Solar Water Pump	5
Northern Europe	Solar Carport, Solar Floating System, RV Solar Mounting System, Ground Solar Mounting System, Solar Water Pump	5
Southern Europe	Solar Carport, Solar Floating System, RV Solar Mounting System, Ground Solar Mounting System, Solar Water Pump	7
South Asia	Solar Carport, Solar Floating System, RV Solar Mounting System, Ground Solar Mounting System, Solar Water Pump	7
Domestic Market	Solar Carport, Solar Floating System, RV Solar Mounting System, Ground Solar Mounting System, Solar Water Pump	13

Product Capabilities

Production Capacity		
Product Name	Production Line Capacity (Monthly)	Actual Units Produced (Previous Year)
Solar Carport, Solar Floating System, RV Solar Mounting System, Ground Solar Mounting System, Solar Water Pump	40MW/Month	Confidential

Production Machinery			
Key Machine Name	Brand & Model No.	Quantity	Condition
Cutting Machine	Jiaoyang	1	Acceptable
Welding Machine	Jiaoyang GWCD2500C	3	Acceptable
Bending Machine	Jinli WC67Y-63/2500	3	Acceptable
Drilling Machine	Wuyishan S4016/S4116	4	Acceptable
Punching Machine	World JH21-60	3	Acceptable
Linear Cutting Machine	Fengrui/ZK450	1	Acceptable

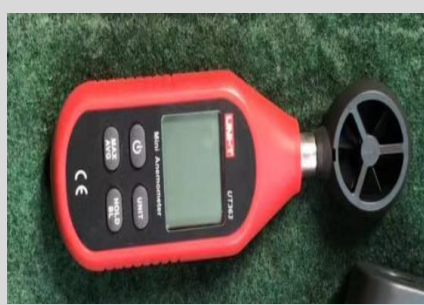


Key Testing Machinery			
Machine Name	Brand & Model No.	Quantity	Condition
Laser rangefinder	Youlide/ UT1000	2	Acceptable
Wind speed meter	Youlide/UTS60	2	Acceptable
Temperature tester	Youlide/ UTW200	2	Acceptable
Vernier caliper	Guanglu/ GL0220	8	Acceptable
Universal Angle ruler	Guanglu/GL3100	2	Acceptable
Dial gauge	Guanglu/ GL0100	2	Acceptable
Multimeter	Youlide/UT50	2	Acceptable
Tension tester	Guanglu/ GL0100	1	Acceptable
Height micrometer	Guanglu/ GL400h	1	Acceptable

Laser rangefinder



Wind speed meter



Temperature tester



Vernier caliper



Universal Angle ruler



Dial gauge



Multimeter



Tension tester



Height micrometer



Production Flow (Ground Solar Mounting System)

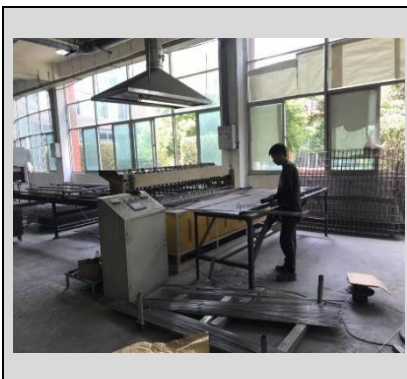
1. Raw Materials



2. Cutting



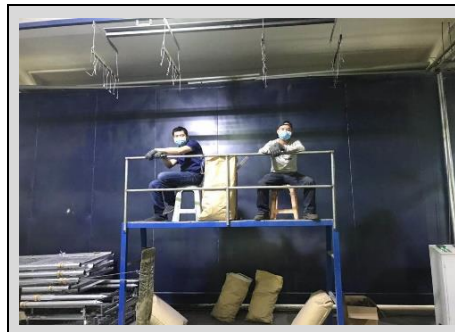
3. Welding



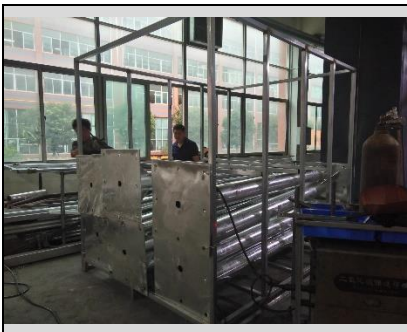
4. Punching



5. Surface Treatment



6. Packing



7. Final Products



8. Delivering



9. Delivering



R & D Capacity

Current Situation

There are 2 R&D engineers in the company.

Education Level	Headcount
Doctorate	0
Post-Graduate	0
Graduate	1
Junior College	1
Technical School	0
High School	0

Work Experience	Headcount
Over 30 Years	0
21-30 Years	1
11-20 Years	0
6-10 Years	1
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.
ZL201820560958.X	Device for preventing the grass	The Patent for Utility Model	4/Dec./2018	Refer to the photo
ZL201820560466.0	A solar panel mounting fittings	The Patent for Utility Model	6/Nov./2018	Refer to the photo
ZL201820425965.9	A connection to link fence and post connection components	The Patent for Utility Model	6/Nov./2018	Refer to the photo
ZL201820424867.3	A prefabricated guardrail	The Patent for Utility Model	6/Nov./2018	Refer to the photo
ZL201820424539.3	A device for solar panel installation	The Patent for Utility Model	12/Oct./2018	Refer to the photo
ZL201820424835.3	A fence netting positioning mechanism and fence netting hook	The Patent for Utility Model	19/Oct./2018	Refer to the photo
ZL201820560953.7	A roof solar panels installation components	The Patent for Utility Model	6/Nov./2018	Refer to the photo

ZL201820424656.X	A connection components for fence netting	The Patent for Utility Model	6/Nov./2018	Refer to the photo
ZL201820560648.8	A clamp	The Patent for Utility Model	6/Nov./2018	Refer to the photo
ZL201820560968.3	Bracket of solar panel	The Patent for Utility Model	6/Nov./2018	Refer to the 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)

Management Systems & Quality Control Management

Quality Management System Certification

Certification	Certified By	Certificate No.	Business Scope	Expiry Date
N/A	N/A	N/A	N/A	N/A

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
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 type="checkbox"/> Total line	<input checked="" 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 type="checkbox"/> Yes, with written standard procedures	<input checked="" type="checkbox"/> Yes, with written procedure but lack of consistent standard	<input type="checkbox"/> No

Does the company keep its supplier assessment reports?	<input type="checkbox"/> Yes, Keep for ____ years available			<input checked="" type="checkbox"/> No
Are the company's purchasing documents sufficient to ensure product safety control and their customers' requirements?	<input type="checkbox"/> Yes, the purchasing document includes all the information required	<input checked="" 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 type="checkbox"/> Yes, with clear standard and written inspection records	<input checked="" 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 type="checkbox"/> Yes, with a standard feedback form and records	<input checked="" 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 type="checkbox"/> Yes, with clear procedures and written records	<input checked="" 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 type="checkbox"/> Yes	<input checked="" 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 type="checkbox"/> Yes	<input checked="" 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

Development / Expansion Plans

Company Development / Expansion Plans	
Company Development Action	Timeframe
They plan to increase their annual revenue rapidly.	2 years

Certification & Photos

Certification

Business License	Tax Registration Certificate
	

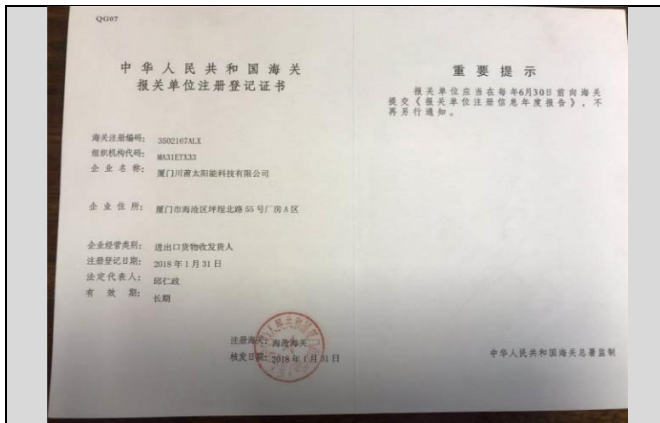
Permit for Opening Bank Account



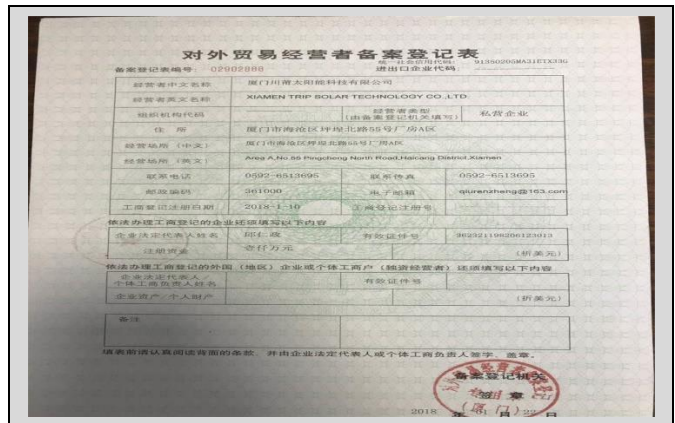
Organization Code Certificate



Certificate Photo -- Custom Clearance Registration Form



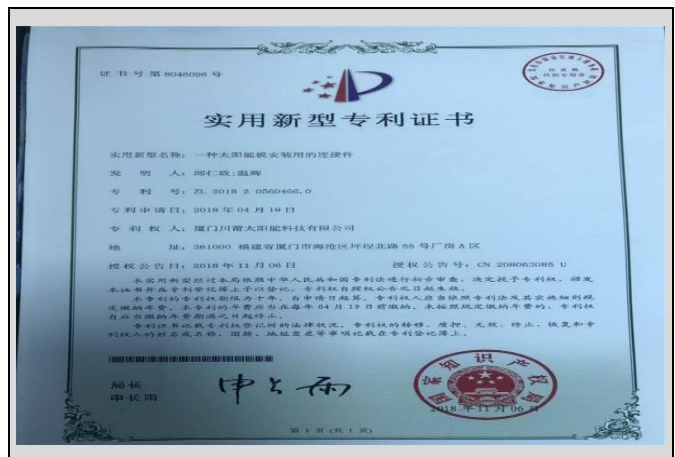
Certificate Photo -- Import and Export Enterprise Registration



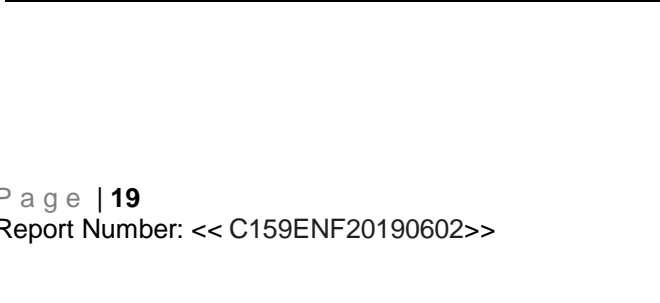
Certificate Photo -- Patent 1



Certificate Photo -- Patent 2

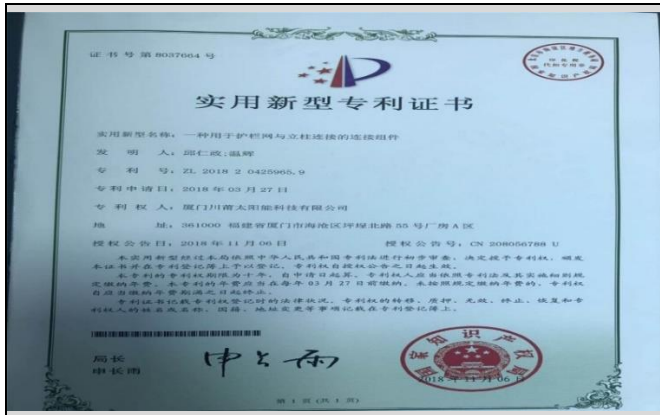


Certificate Photo -- Patent 3

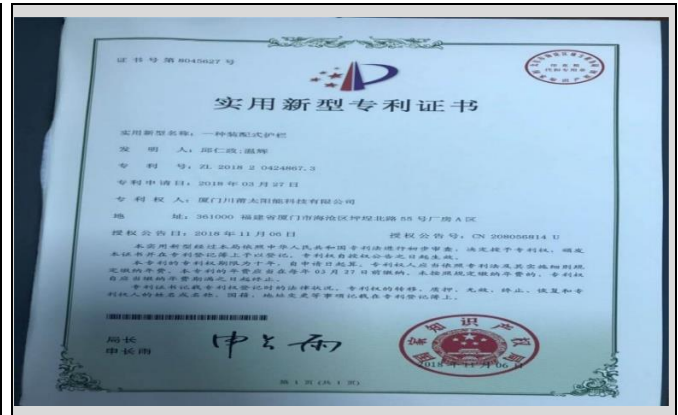


Certificate Photo -- Patent 4

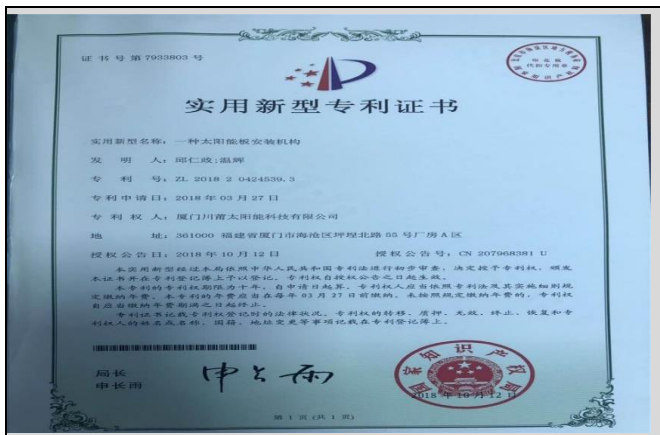




Certificate Photo -- Patent 5



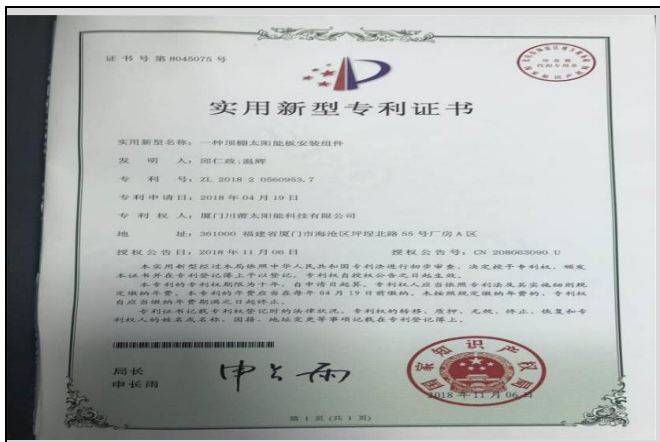
Certificate Photo -- Patent 6



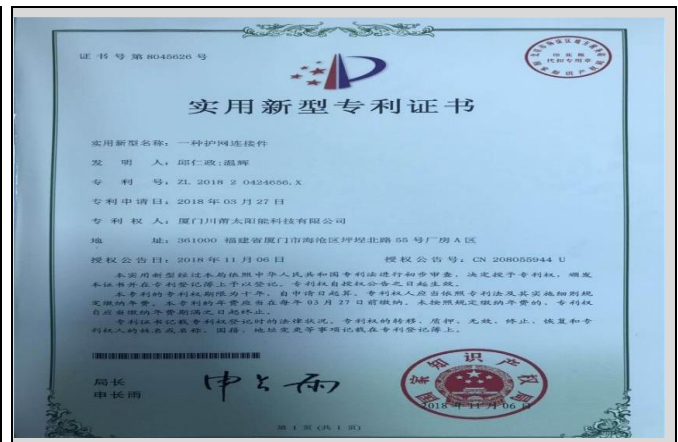
Certificate Photo -- Patent 7



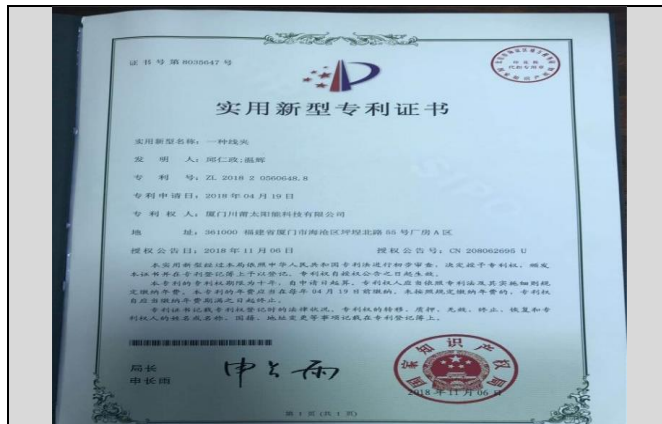
Certificate Photo -- Patent 8



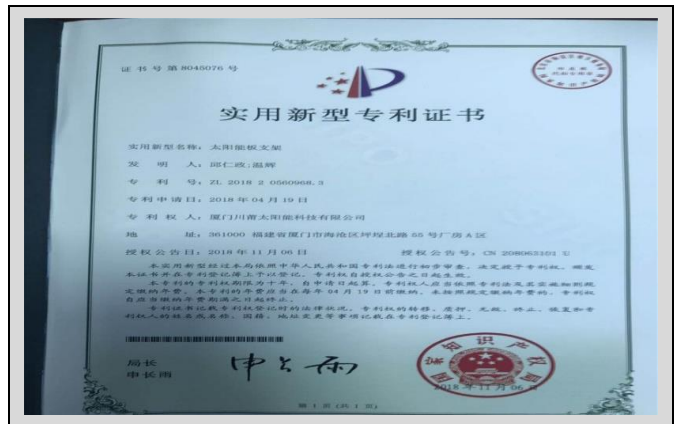
Certificate Photo -- Patent 9



Certificate Photo -- Patent 10



Company Gate



Office



Workshop



Workshop



Warehouse



Warehouse



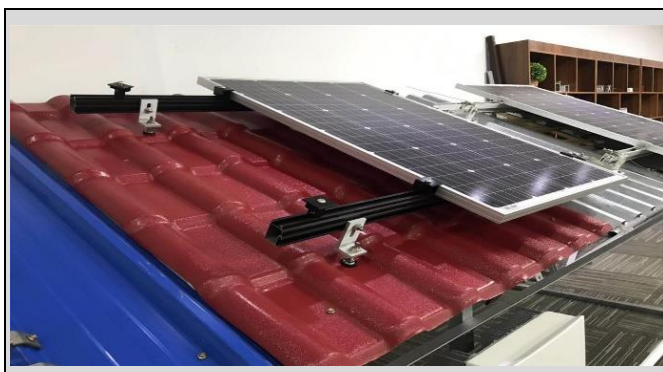
Product Photo



Product Photo



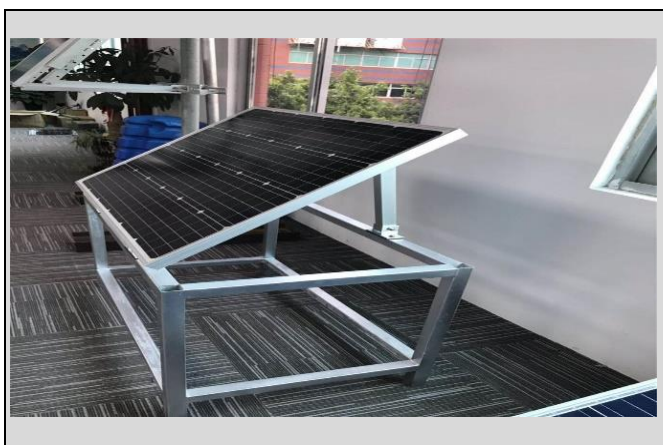
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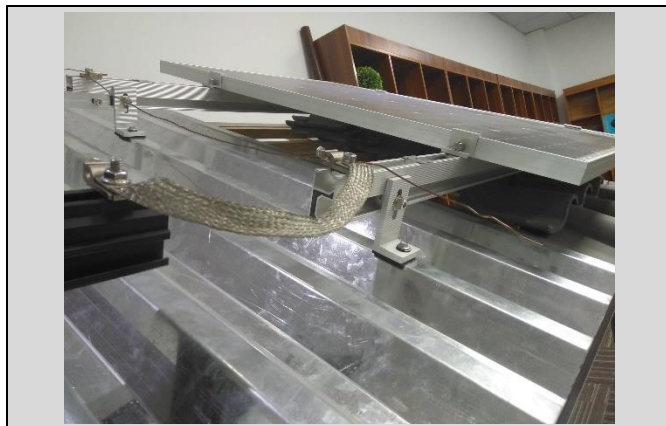
Product Photo



Product Photo



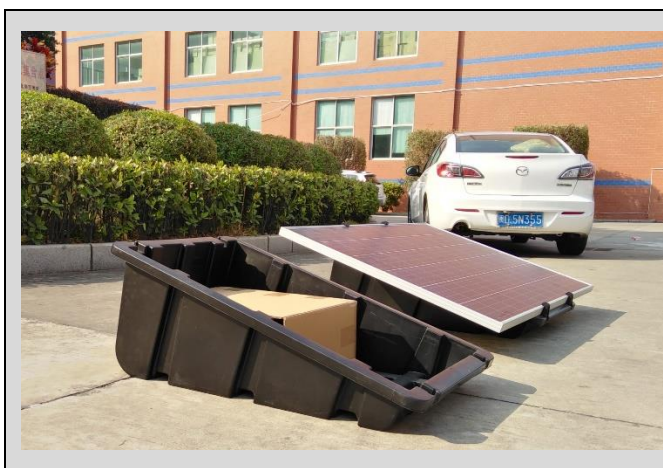
Product Photo



Product Photo



Product Photo



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