

ENF Solar Assessed Supplier

Assessment Report Presented to:

Wuxi Sunket New Energy Technology Co., Ltd.
无锡萨科特新能源科技有限公司

Service Commissioned by:



Service Provided by:



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Expiry Date: 11/Nov./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.

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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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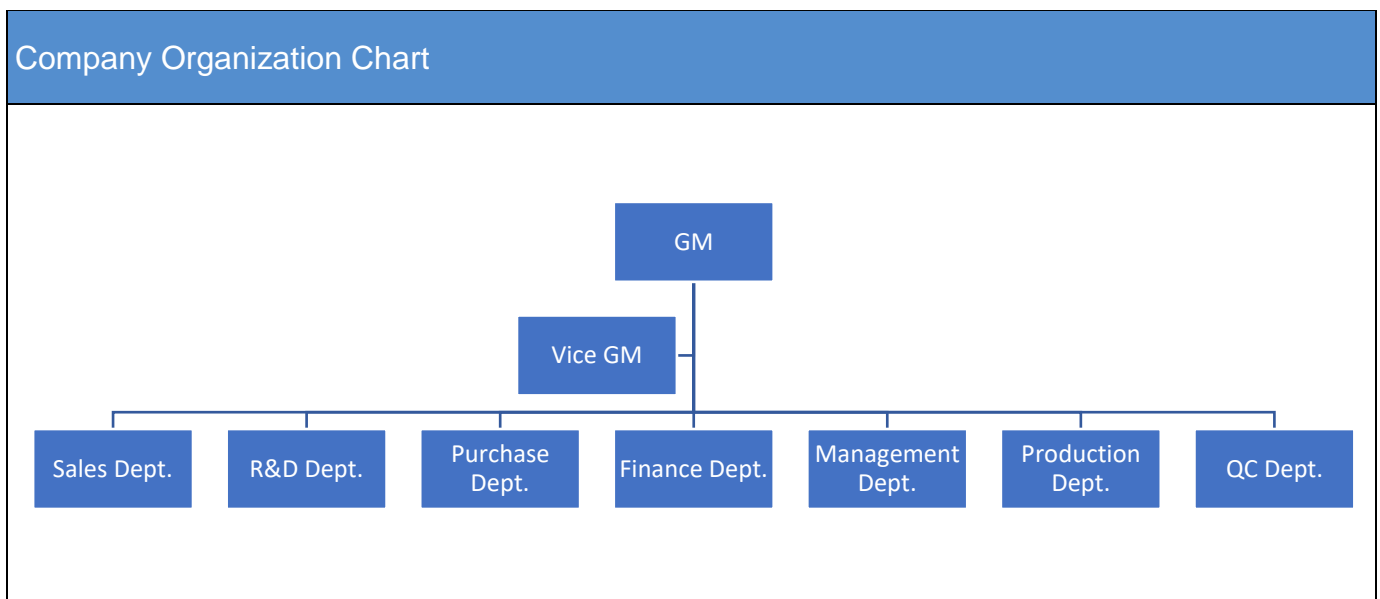
Company Overview

Identification	Details		
CompanyName	Wuxi Sunket New Energy Technology Co., Ltd.		
Facility address	No. 888, Qinghong Road, E'hu Town, Xishan District, Wuxi City, Jiangsu Province, China		
	Contact Person:	Mr. Jiaxi Xia	
	Tel:	0086-0510-68005868	
	Fax:	0086-0510-68005787	
	E-mail:	sales@sunket.cn	
URL/Web Address	www.sunket.cn		
Report Date	12/Nov./2019		
Expiry Date (24 months validity)	12/Nov./2019 -- 11/Nov./2021		
Name of Assessor	Hui Zhu		
Overall Turnover of Last Year	Confidential		
Total Building Size	9,400 m ²		
Number of Buildings	4		
Office Size	3,700 m ²		
Working Day	Mon. to Sat.	Working Hours	08:00 – 11:00
			12:00 – 17:30

Legal Entity

Legal Entity			
Business License Number	913202050518580586		
Year Established	16/Aug./2012	Validity Period:	16/Aug./2012 – 31/Dec./2049
Registered Address	(Delin Industry Park) No. 888, Qinghong Road, E’hu Town, Xishan District, Wuxi City, Jiangsu Province, China		
Company Address	No. 888, Qinghong Road, E’hu Town, Xishan District, Wuxi City, Jiangsu Province, China		
Registered Capital	RMB10,000,000		
Corporate Representative	Mr. Wenxiang Cai		
Industry	Solar Energy Products		
Products /Service	Solar Panels		
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
Sales Dept.	16	0	16
R&D Dept.	3	0	3
Purchase Dept.	2	0	2
Finance Dept.	3	0	3
Management Dept.	3	0	3
Production Dept.	77	0	77
QC Dept.	2	0	2
Totals	108	0	108

Export Business Capacity

Current Export Situation

There are 14 foreign trading employees in the company.

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

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 Export License Registration No.:02247487	<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 checked="" type="checkbox"/> Credit Card	<input checked="" type="checkbox"/> Cash
	<input checked="" type="checkbox"/> West Union	<input type="checkbox"/> MoneyGram	<input type="checkbox"/> Paypal	<input type="checkbox"/> Moneybooker
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	Solar Panels	5
Eastern Europe	Solar Panels	15
Southeast Asia	Solar Panels	20
Africa	Solar Panels	5
Oceania	Solar Panels	1
Middle East	Solar Panels	1
Eastern Asia	Solar Panels	5
Western Europe	Solar Panels	10
Central America	Solar Panels	3
Northern Europe	Solar Panels	10
Southern Europe	Solar Panels	10
South Asia	Solar Panels	5
Domestic Market	Solar Panels	10

Product Capabilities


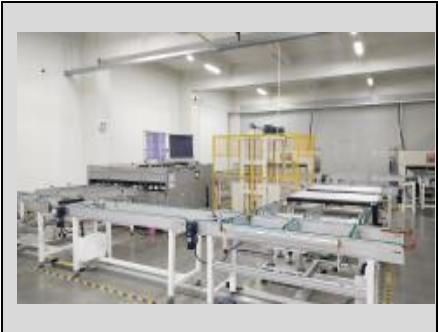
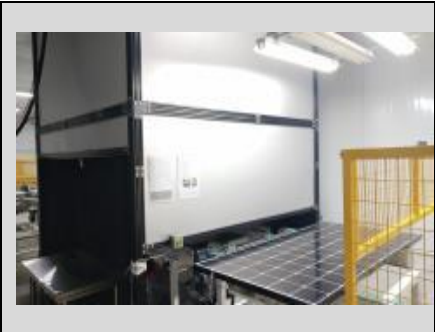

Production Capacity		
Product Name	Production Line Capacity (Monthly)	Actual Units Produced (Previous Year)
Solar Panels	41.6 MW	500 MW

Production Machinery			
Key Machine Name	Brand & Model No.	Quantity	Condition
Cutting Machine	UP-SBL-06	3	Good
Flip Check Machine	UP-FZC-06	1	Good
Curing line	UP-GHX-06	1	Good
Auto Lay-up Machine	UP-PBJ-06	2	Good
Auto Framing Machine	ERJU UP-ZKJ-06	1	Good
Auto Trimming Machine	UP-XBJ-06	1	Good
Auto Classification Machine	UP-FXJ-06	1	Good
High Speed Stringer	LEAD LDT4000B	2	Good
Solar Module Laminator	SG SGCY-S-2458	2	Good
Junction Box Gluing Machine	ERJU EJ-JXHV7	1	Good
Two Component Glue Filling Machine	ERJU EJ-AB10	1	Good
Color Sorter	L1000B	1	Acceptable
EL Test Separator	ASICCN SCSS-EL	1	Acceptable
Power Sorter	JXCM-11ZD	1	Acceptable










<p>Cutting Machine</p>	<p>Flip Check Machine</p>	<p>Curing line</p>
		
<p>Auto Lay-up Machine</p>	<p>Auto Framing Machine</p>	<p>Auto Trimming Machine</p>
		
<p>Auto Classification Machine</p>	<p>High Speed Stringer</p>	<p>Solar Module Laminator</p>
		
<p>Junction Box Gluing Machine</p>	<p>Two Component Glue Filling Machine</p>	<p>Color Sorter</p>
		
<p>EL Test Separator</p>	<p>Power Sorter</p>	<p>N/A</p>










Key Testing Machinery			
Machine Name	Brand & Model No.	Quantity	Condition
Crosslinking Test Chamber	DHG001	1	Good
12 Focus Component On-line EL Tester	ASICCN EV-J12	2	Good
Solar IV Tester (Solar Simulator)	ST-MX100	1	Good
Insulation Voltage Tester	UR-JYN-06	1	Good

Crosslinking Test Chamber	12 Focus Component On-line EL Tester	Solar IV Tester (Solar Simulator)
		
Insulation Voltage Tester	N/A	N/A
	N/A	N/A

Production Flow (Solar Panels)

1: Color sorting	2: Power sorting	3: Cells EL testing
		
4: Laser Cutting	5: String welding	6: Auto lay-up
		
7: EL appearance inspection	8: Lamination	9: Trimming
		

10: Flip inspection	11: Framing	12: Auto glue filling
		
13: IV testing	14: Safety testing	15: Final EL testing
		
16: Auto sorting	N/A	N/A
	N/A	N/A

R & D Capacity

Current Situation

There are 3 R&D engineers in the company.

Education Level	Headcount
Doctorate	0
Post-Graduate	0
Graduate	3
Junior College	0
Technical School	0
High School	0

Work Experience	Headcount
Over 30 Years	0
21-30 Years	0
11-20 Years	2
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.
11405258	Refer to the Photo	The Computer; Time Recording Device; Electronic Signal Transmitter; Wafer (Silicon Chip); Integrated Electrical Appliances; Semiconductor Devices; The Battery; Solar Cells etc.	21/Feb./2014 – 20/Feb./2024	Photo in Section 9 (Trademark Photos)
11405223	Refer to the Photo	The Computer; Time Recording Device; Electronic Signal Transmitter; Wafer (Silicon Chip); Integrated Electrical Appliances; Semiconductor Devices etc.	21/Feb./2014 – 20/Feb./2024	Photo in Section 6 (Trademark Photos)

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	<input type="checkbox"/> No

Development Devices (N/A)

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	ICAS,IAF	11717QU0299-05R0M	R&D, Manufacture and Sales of Solar Energy Photovoltaic Module	27/May/2017 – 26/May/2020
ISO14001:2015	ICAS,IAF	11717EU0051-06R0M	The Related Environmental Management Activities of R&D, Manufacture and Sales of Solar Energy Photovoltaic Module	15/Jun./2017 – 14/Jun./2020

Product Certification				
Certification	Certified By	Certificate No.	Product Name & Model No.	Expiry Date
CQC	CQC	CQC18024187885	Solar Module	07/Mar./2018 --
CQC	CQC	CQC18024187886	Solar Module	07/Mar./2018 --
CQC	CQC	CQC18024187887	Solar Module	07/Mar./2018 --

CQC	CQC	CQC18024187888	Solar Module	07/Mar./2018 --
CE	SGS	LVD SHES161201081801PVC	Photovoltaic & SKTxxxM6-24, SKTxxxM6-20 etc.	27/Apr./2017 --
IEC	SGS-TUV Saar GmbH	ZERTIFIKAT NR. PVC171115	Crystalline Silicon PV Modules	08/May/2017-- 07/May/2022

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	<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 _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		<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 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 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 type="checkbox"/> Yes	<input checked="" 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

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 
Permit for Opening Bank Account 	Organization Code Certificate 

Certificate Photo -- Import and Export Enterprise Registration



Certificate Photo -- Custom Clearance Registration Form



Certificate Photo -- Trademark 1



Certificate Photo -- Trademark 2



Certificate Photo -- ISO9001:2015 Certificate



Certificate Photo -- ISO14001:2015 Certificate



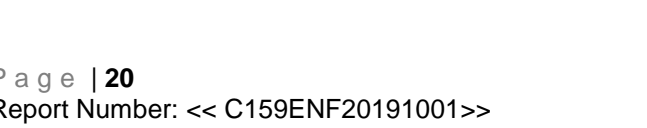
Certificate Photo -- CQC Certificate 1



Certificate Photo -- CQC Certificate 2



Certificate Photo -- CQC Certificate 3



Certificate Photo -- CQC Certificate 4





Certificate Photo -- CE Certificate



Certificate Photo -- IEC Certificate



Company Gate



Office



Workshop



Workshop



Workshop



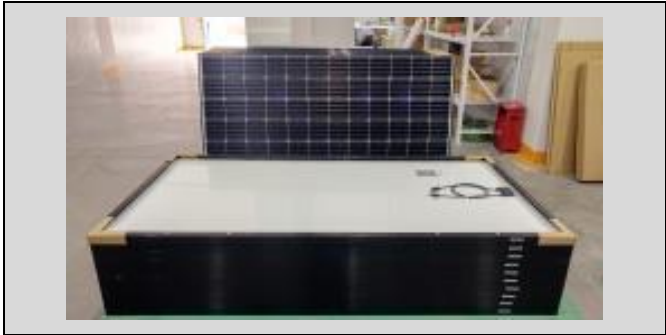
Workshop



Product Photo (Solar Panels)



Product Photo (Solar Panels)



Product Photo (Solar Panels)



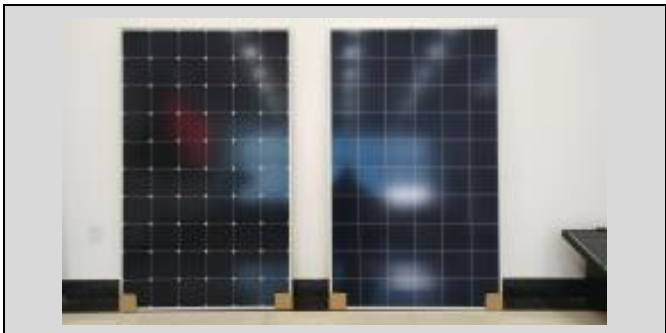
Product Photo (Solar Panels)



Product Photo (Solar Panels)



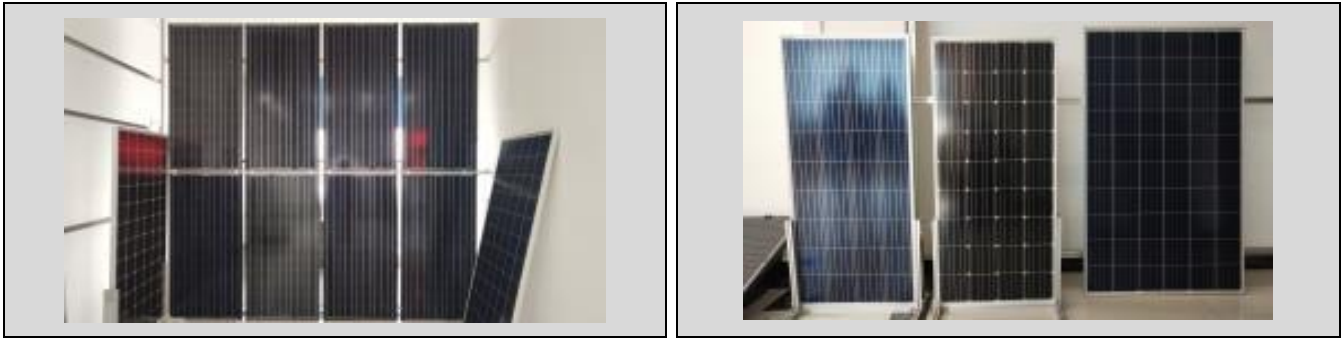
Product Photo (Solar Panels)



Product Photo (Solar Panels)



Product Photo (Solar Panels)



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