THANKS

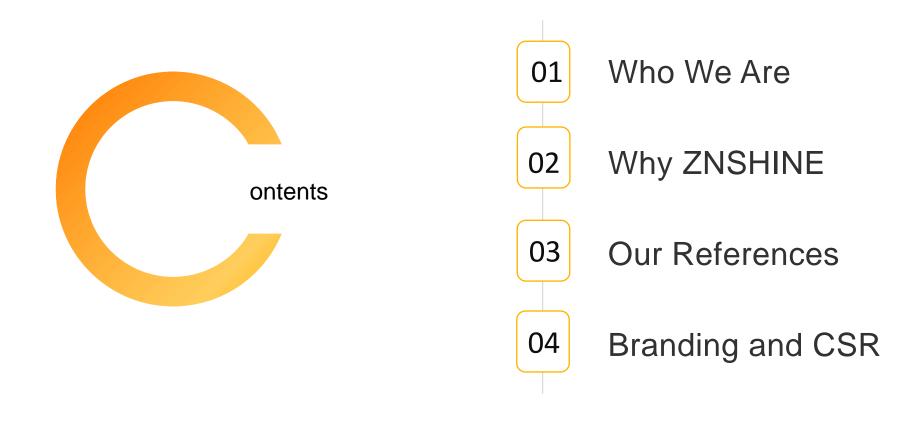
ZNSHINE PV-Tech Co., Ltd.

Wednesday, May 13, 2020

www.znshinesolar.com











Who We Are

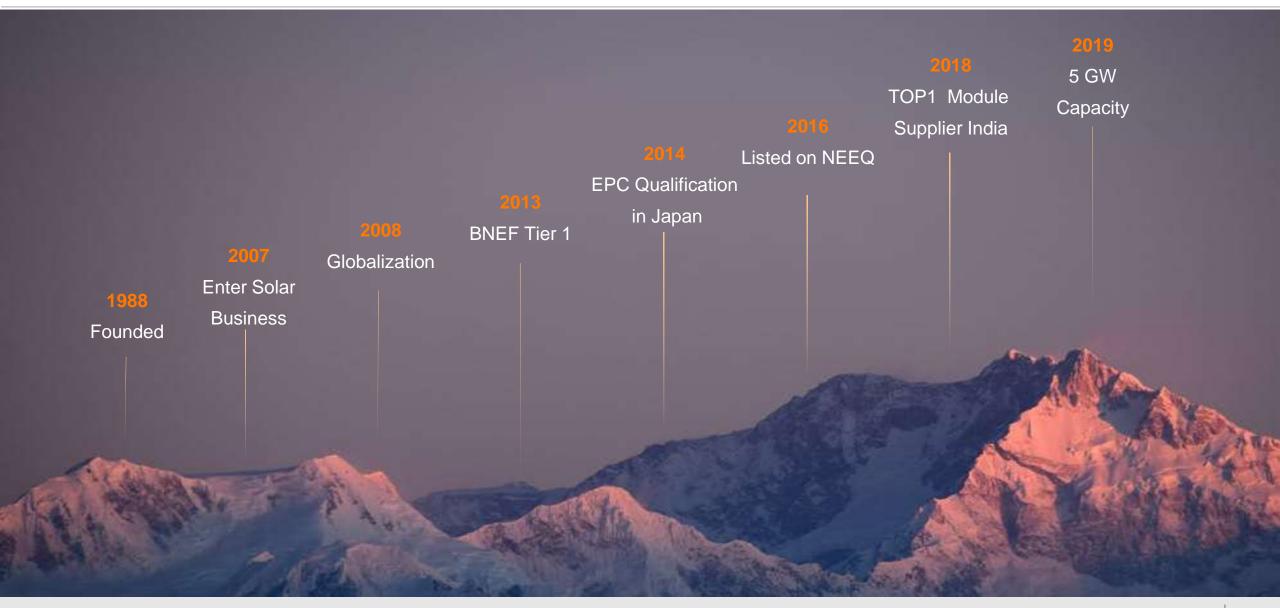
Who Are We?





Who We Are - Milestones





Who We Are – Three Business Units





EPC

1,1 GW PROJECT CONSTRUCTION

MODULES

5 GW FULL AUTOMATED MANUFACTURING

SOLAR SOLUTIONS

ENERGY STORAGE SYSTERM

Who We Are - Mission & Vision







Mission

To make solar power become the most economical clean energy in the world.

Vision

Where there is SUNSHINE, there is ZNSHINE.



Value

Fairness and Trust

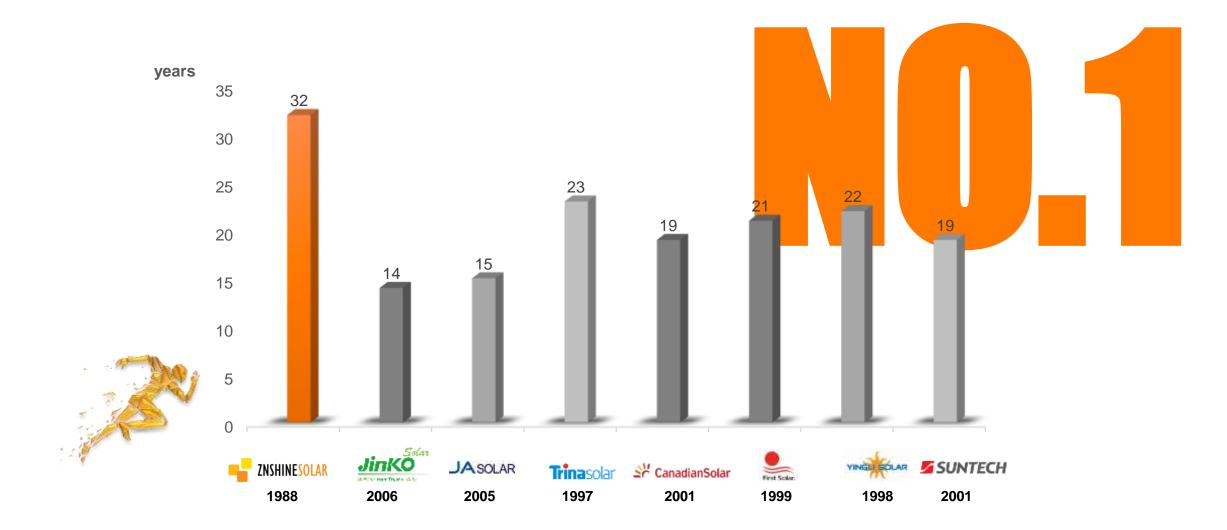




Why **ZNSHINE**

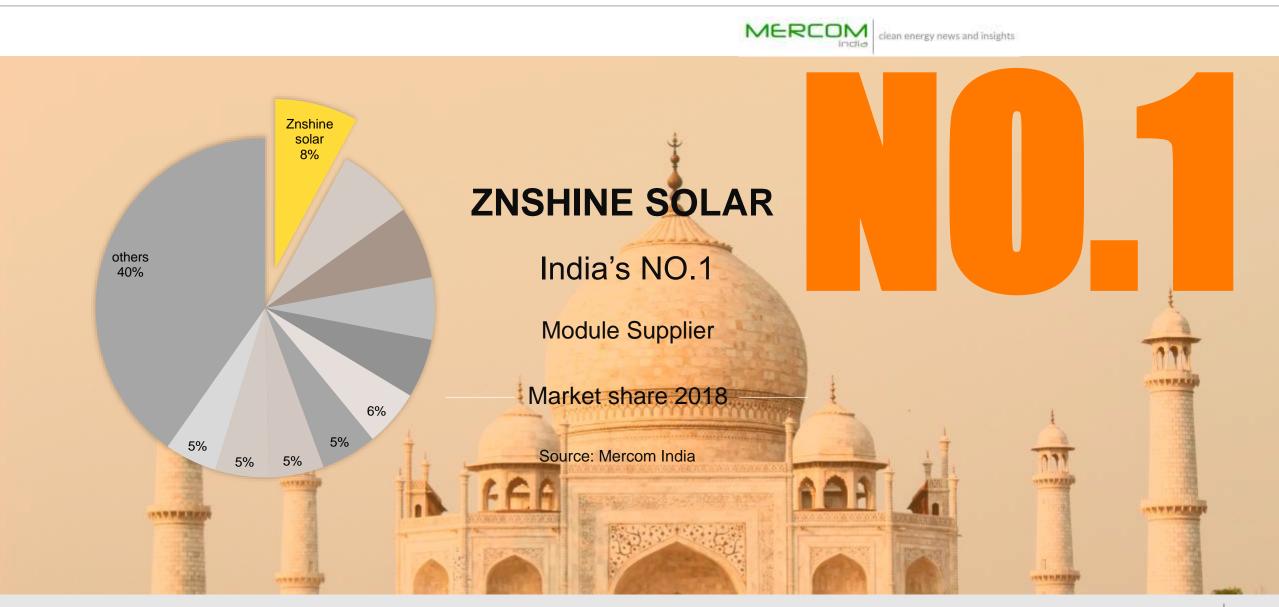
Why ZNSHINE- 32-Year Manufacturing Experience





Why ZNSHINE- Top Module Supplier to India





Why ZNSHINE- NO.1 EPC Qualification In Japan

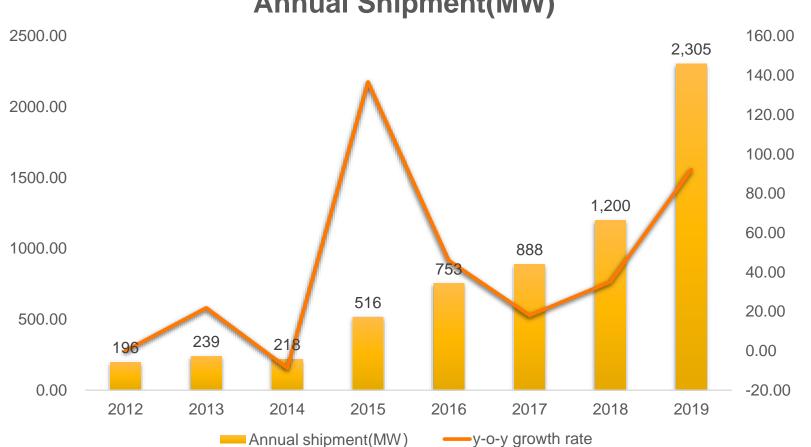


In 2011, ZNSHINE entered Japan's market. ZNSHINE Solar has over 1.3GW of projects in pipeline in Japan and 1.3GW in China In 2016.It has earned the trust of local and national governments as a certified and acknowledged EPC in both countries.



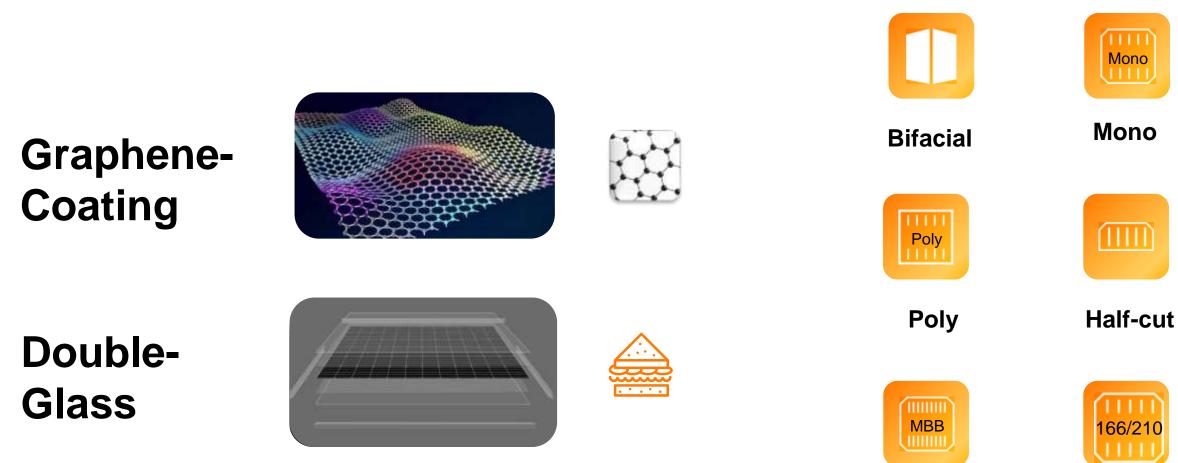
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Annual Shipment(MW)





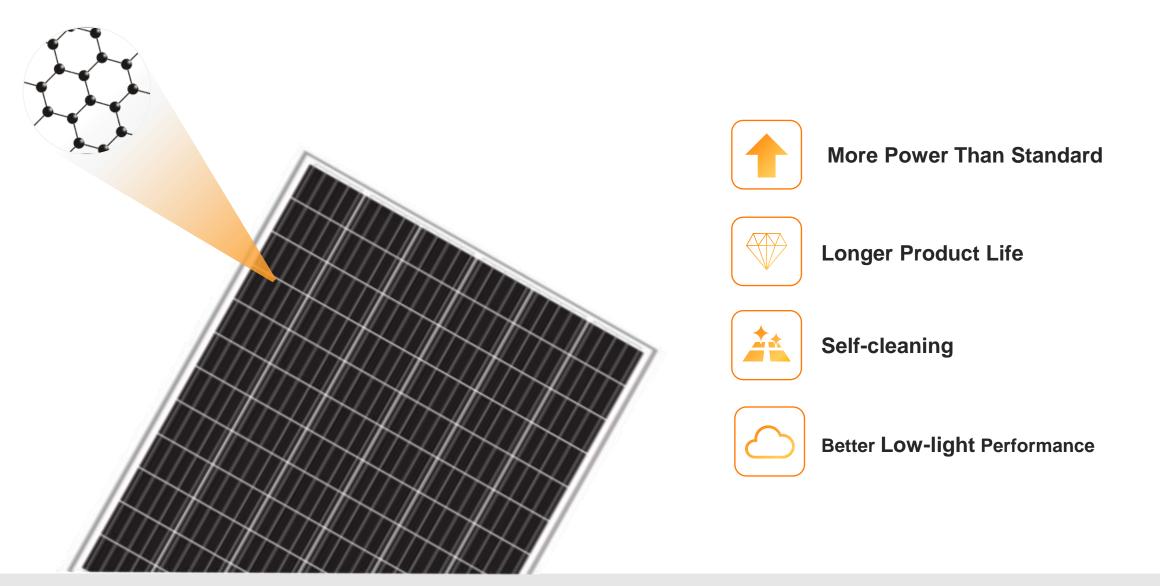
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Large Cells

MBB

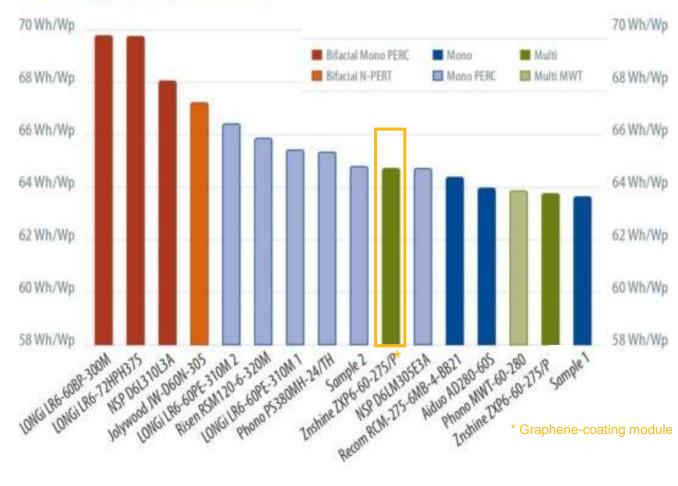
Why **ZNSHINE**– Graphene Coating



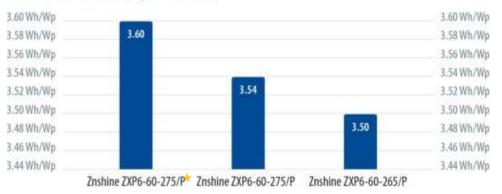




Total energy yield (September 2019)



Znshine controlled test (September 2019)

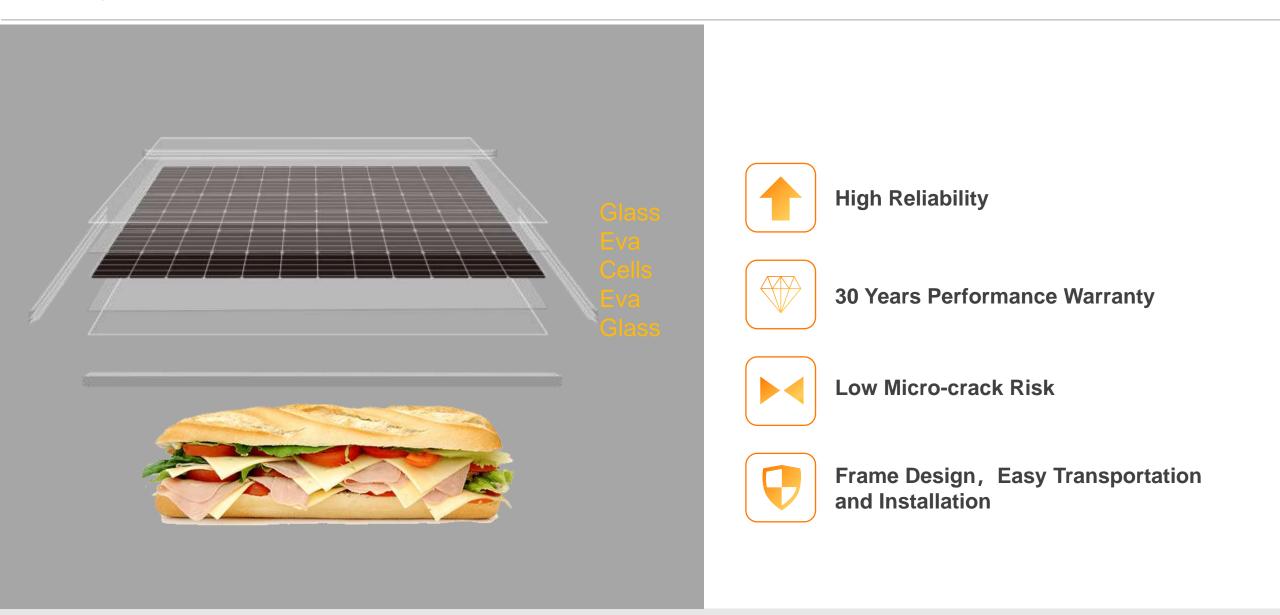


PV Magazine Module Benchmark test, ZNSHINE Solar's Gra-Poly modules demonstrated impressive energy yield with 1.1% boost.



Why ZNSHINE- Double Glass Framed Modules





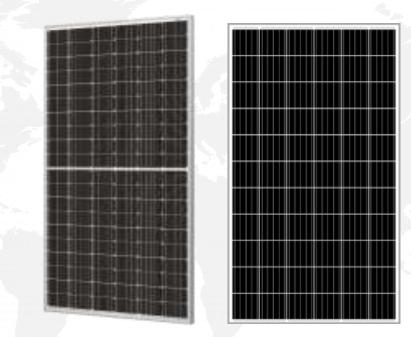
Why ZNSHINE- Global Leader in Double-glass



More than 230MW Double-glass solar modules shipped

Fully automated, 500MW fully autonomous production line

Shipped to MENA/South America



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2017

Table 1: Tier 1 PV module manufacturer list, 4Q 2017

Company	Capacity	Company	Capacity	
Trina Solar*	8,000	Changzhou Almaden	1,500	
Jinko Solar*	nko Solar* 7,500		1,500	
JA Solar*	7,000	China Sunergy	1,450	
Canadian Solar*	6,970	REC Group*	1,300	
Hanwha Q Cells*	6,400	Akcome	1,000	
GCL Systems*	5,000	Phono Solar	1,000	
Longi	5,000	ET Solar*	1,000	
Talesun* 5,0		Vikram*	1,000	
Suntech/ Shunfeng*	3,300	SunPower*	900	
Seraphim*	3,000	Boviet	700	
First Solar*	2,200	Neo Solar Power*	670	
Hareon	2,000	Tata Solar Power	500	
Renesola	2,000	Waaree	500	
LG*	1,650	AU Optronics	455	
ZNShine	1,600	Total	80,095	

ZNSHINE SOLAR TOP15

2018

Firm/brand	Annual in-house module capacity (MW/year)	Firm/brand	Annual In-house module capacity (MW/year)
Jinko Solar*	9,000	HT-SAAE*	1,500
JA Solar*	8,500	WAAREE	1,500
Canadian Solar*	8,310	China Sunergy	1,450
Hanwha Q CELLS*	8,000	REC Group*	1,400
Trina Solar Ltd*	8,000	Kyocera Corp	1,350
Risen	0.000	Akcome	1,000
GCL SYSTERICLIN			1,000
Talesun	IE SOLAR T	Vikram*	1,000
Suntech/Shunleng*	3,300	Neo Solar Power	670
Znshine Solar*	3,200	Lightway Solar	660
Seraphim	3,000	S-Energy	530
Chint/Astronergy	2,500	Hansol Technics	480
First Solar*	2.200	AU Optronics	455

Why ZNSHINE-Financial Strength

11D



rating indicates the D&B great Financial Strength and Credit Ranking of ZNSHINE business as a whole.

dun&bradstreet	
China Supplier Evaluation Report	
This report prepared by Huavia D&B China is sent to answer your inquiry on:	Risk Summary
ZNSHINE PV-TECH CO., LTD.	RISK EVALUATION
D-U-N-5: 52-949-4079 Prepared for I D58 Registration (Normal) - 1 year Subscriber Key I 927012569	EMMA Score D&B Rating 5A-(PRV. 5/
Delivery Date i Oct 23,0018 Printed on i Oct 23,2018 Inquiry Date i Jun 10,2017 Inquiry Subject i Jun 10,2017	D&B PAYDEX®
Briguiny Address 1 Briguiny Monie/Fao - (1918)851109079 Briguiny Reference : CUSTSR	Litigation Records
HDBC Compliance Report Updated to Version 6.01	PRINCIPAL INFORMATION
In Jun. 2016, Huevia Dun & Bredstweit China completed a major update to the entire product family of Compliance Report, optimicing ecops of information retrieval, content anothecture and appearance design to deliver more professional and friendly experience to users.	Principal(s)
The optidated Version 5.0 encompasses China Bastness Compliance Report. Chine Business Consolidated Assessment Report and China Association Compliance Report, which helps contrainers unsertiante business partners' compliance risks in a fast and objective memory, adapt to complex regulatory environmenta and uncertainters' to avoid potential avores et Winerces and rosses.	PAYMENT INFORMATION
Mightights: Complete screening: identify regulatory compliance risks by screening advecse media information and public records through nultiple local and international channels.	Trade References
Precise positioning: identify potential compliance make of target groups and their affiliates through screening their inspace incomes and adverse mode coverage. Repid judgments their cleritity mic posters of partners with risk signals and make business. Sections based on our prevention and improvement adverse set of professional judgment.	COMPANY KEY EVENTS
Heliatic analysis: evaluate credit rais while screening compliance risks, to gain clients trult-ficable insights of potential partners to facilitate their business decision. To subscribe the new version, please contact your customer representatives or call 400-020-3326.	History Changes Media Records
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Audited by third parties











TOP PERFORMER IFC Approval listed Solar Company

China RE & Munich RE Warranty PV Module Bank Grade Audit

Factory Audits and Production Supervision

Why ZNSHINE-Project Financing Bank overview



Project Financing – Bank overview

Bank	Head Quarters	Country of Projects	Size of the Projects Binanced			
Sparkasse Versicherung	Austia	Germany	3 MW s # 25 MW			
Cassa di Risparmio di Romagna	taly	taly	WWEst2WW			
Banca Popolare di Milano	kaiy	Italy				
Centroleasing spa	taly	italy	1 MW 5 1 23 NW			
Pool Uniplo Lessing	taiy	Italy	s1MW			
KBC	China	China	>5 WW			
Unicredit Bulbank	Bulgaria	Bulgaria	3 MW 5 1 25 NW			
Banca Italo Romena (Gruppo Vereto Banca)	Romania	Romania	<1MW			
Piraeus Bank	Greece	Romania	3 MW 4 1 25 MW			
Shinwa Bank	Japan	Japan	1 MWS 1 23 MW			
Ohina Development Bank	China	China	230 MW			
Macquarie	Austala	UK	≥10 MW			
GLS	Germany	Germany	3 MW 5 x 25 MW			
Jangsu Financial Leasing	China	China	1 MW≤ x ≥3 MW			
Howa Bank	Japan	Japan	1 <i>MWs</i> 123 <i>WW</i> 1 <i>MWs</i> 123 <i>WW</i>			
Okayama bank	Japan	3apan				
Shinhan Financial Group / Shinhan BNP Panbas	Korea	Japan	230 MW			

Financing History

Financing by major international credit institutions (including GLS, Shinhan - BNP Group, Macquarie, Unicredit Group, ICBC)

In America ZNSHINE SOLAR is currently into talks with EastWest Bank Debt provider, bankable for ZNSHINE SOLAR projects up to 20MW

Below are all case by case evaluation

- Wells Fargo: Debt and Tax Equity provider, evaluates case by case Bank of America: Tax Equity provider, evaluates case by case
- Credit Suisse: Tax Equity provider, evaluates case by case
- State Street Bank: Debt provider, evaluates case by case
- JP Morgan: Tax Equity provider, evaluates case by case
- CIT Bank: Debt provider, 10-20MW
- PNC Bank: Debt & Tax >500kw
- Union Bank: Tax equity between \$35M-\$40M
- Pipe Jaffray: Debt & Tax > 15MW

Why ZNSHINE- Excellence in R&D





>100 Global Engineers



Exclusive Graphene-coating Patent Worldwide

>100 Technology Patents

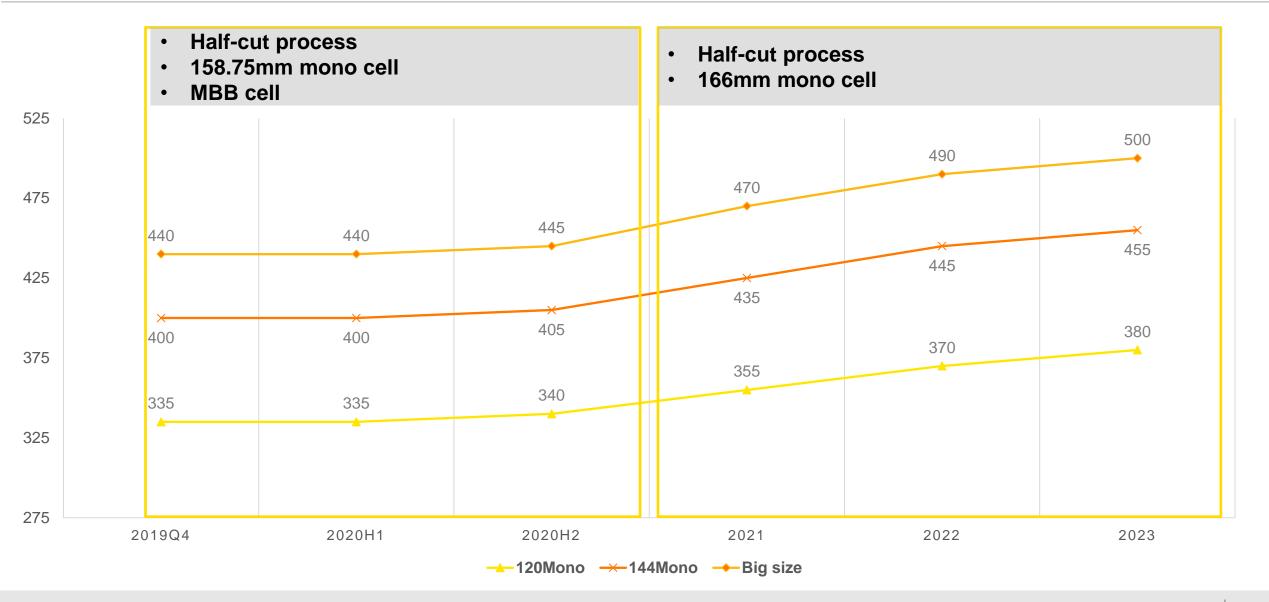
1st self-cleaning modules in market



Certified Laboratory by CNAS

2019-2023 Mainstream High-Power Module













MES



Coordinated Quality Control System



Mass Production Yield > 99.8%



30 Years of Experience Empowers our Quality Management

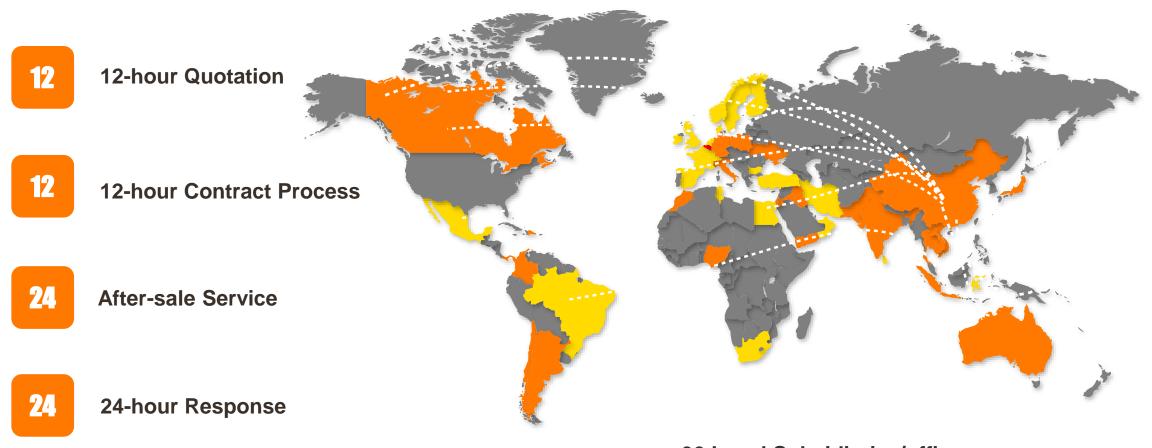
The Solar

Reliable And High Efficiency Modules Guarantee Your Profits



Why ZNSHINE- Fast-Responding Service





30 Local Subsidiaries/offices





Our References

References - ZNSHINE India

The Solar

	2018 Top 20 China module Suppliers of India										
	Shipment(MW)										
	Rank	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total
1	Znshine Solar	48.1	35.7	87.5	33.3	72.8	96.8	89.3	75.8	78.0	617.3
2	JA Solar	180.3	103.2	23.9	0.1	1.0	23.9	101.2	3.3	0.0	436.9
з	Jinnerngy				0.0	128.2	125.7	134.9	46.6		435.4
4	Risen	146.8	59.9	1.9	63.2	12.3	10.6	115.5		0.2	410.4
5	GCL-Si	88.6		4.0	53.2	4.2	110.1	114.7		13.3	388.2
6	Lerri Solar	118.2	94.1	18.7	65.0	58.9	0.2	29.8	0.7	0.0	385.8
7	Trina	187.0	43.1	24.6	4.2	3.3	13.0	3.2	62.9	21.8	363.1
8	Suntech	65.2	63.8	100.4	10.7	8.5	6.7	9.7	12.8	56.7	334.5
9	Canadian Solar	93.4	15.2	7.7	1.7	8.9	6.9	0.0	11.8	69.7	215.3
10	Astronergy	60.9	71.8	52.7	23.8	3.1		0.8		0.1	213.3
11	Talesun	64.6	33.9	0.1	0.0	0.4	29.9	35.6			164.6
12	ReneSola	11.7	13.1	12.2	5.8	1.8	4.4	37.9	47.4	23.8	158.0
13	CSUN	0.2	0.4	4.4			22.7	122.3	1.4		151.5
14	HT-SAAE	21.0	49.8	40.1	10.8	0.0		10.0	0.0		131.7
15	Anhui Schutten	4.5		10.0	10.0	20.9	9.0	23.6	32.4	16.5	126.9
16	Yingli	46.5	23.0	49.2	1.3		0.1				120.1
17	Hanwha Q-cells	27.7	5.6	0.7	10.9	7.1	1.6	5.1	5.5	0.2	64.3
18	Jinko	9.9	6.7	21.5	4.2	5.7	1.6	0.3	3.7	0.5	54.2
19	Seraphim	3.7	12.3	12.5	15.8	5.1	0.7	0.0	1.5	1.0	52.5
20	Econess Energy		24.0	26.6			0.0	0.2			50.7
	Others	17.6	59.8	13.5	11.6	8.1	26.3	53.6	13.8	29.7	234.0
	Total	1196.0	715.5	512.2	325.5	350.3	490.3	887.8	319.6	311.5	5108.7

Source: PV InfoLink

 Project1 Installed capacity: 300 MW COD: September 17th, 2018



ReNew Project 2 Installed capacity: 300 MW COD: September 17th, 2018

References - ZNSHINE MENA

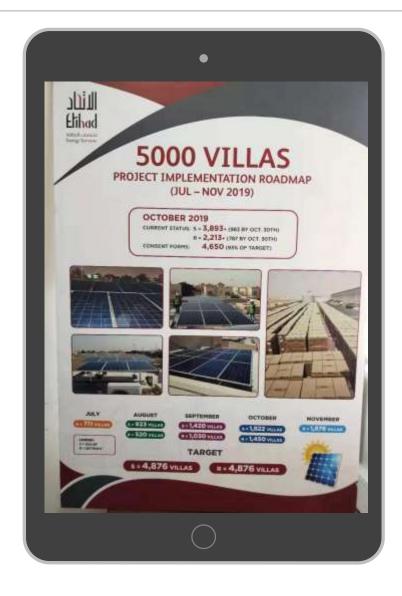




DEWA (Dubai Electricity and Water Authority)

ZNSHINE Panels will be installed in 15,000 Villas Rooftops in Dubai





References - ZNSHINE Australia





One Stop Warehouse



Achieve Energy Solutions

Australia's largest Solar Distributor



• Top solar distributor in Australia



References - ZNSHINE Japan







Hamada Project phase II Installed capacity: 23MW COD: April 26th, 2017







Hamada Project phase I Installed capacity: 11MW COD: October 20th, 2015

References - ZNSHINE Latin America







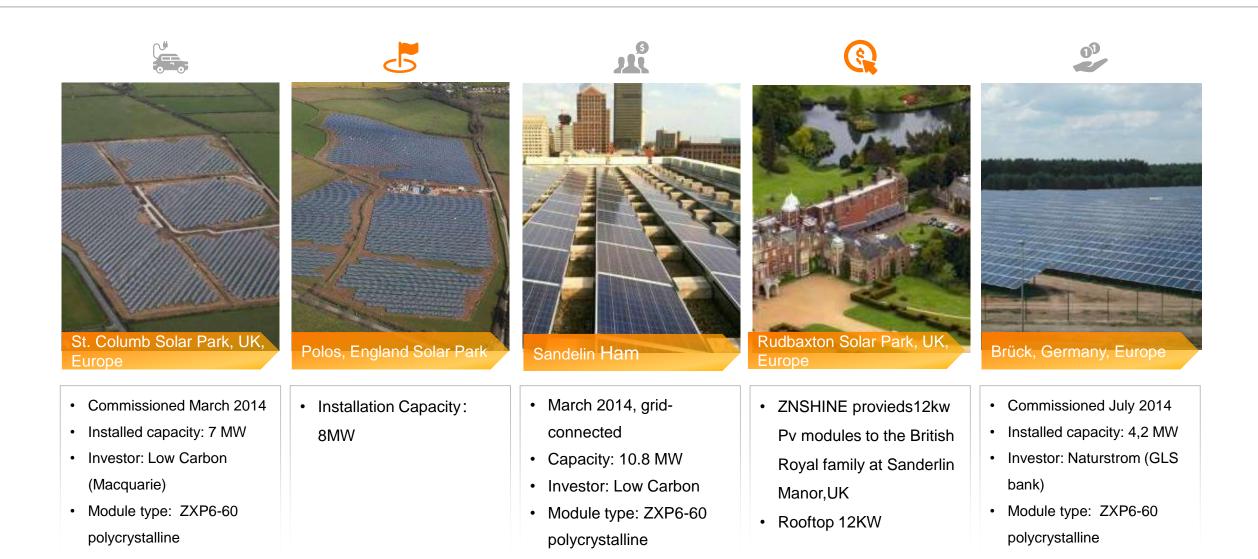


Nov.8th ,2017, ZNSHINE as the only solar company signed the MOU of 300MW solar project with the president of Mato Grosso Brazil.

PFV Solared de la Punta, San Luis, Argentina

References- ZNSHINE Europe





References- Fast Growth In New Market











References - ZNSHINE China







Shanxi Province, Yulin ,PRC

Capacity:300MW May 2018

Jiangsu Province, Dongtai, PRC

Capacity: 5.9 MW Dec 2014

Inner Mongolia ,Wulatezhongqi ,PRC

Capacity:50MW May 2017

References - Partners & Clients





Branding and CSR





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Powering up the world with solar

By Zheng Xin | China Daily | Updated: 2018-05-14 09:29





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ZNShine to supply 100MW of solar panels to DEWA projects PV-Tech - 2019年6月1日

China-based PV module manufacturer, Znishine PV tech has won a bid to supply solar panels to DEWA (Dubai Electricity and Water Authority) ... Zrishine Supplies 100WW Modules to Etihad Energy for ... Saurenergy - 2019/E5月31日









Znshine Solar Was the Top Module Sup 2018

Three Indian manufacturers also made it to the top 10 list of Mercors's 2018 market share leaders.

Branding and CSR









Zhèng **Fairness** Do the right thing Xìn

Trust Reliability



THANKS

ZNSHINE PV-Tech Co., Ltd.

Wednesday, May 13, 2020

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