



Amerisolar | New Energy New World<sup>®</sup>



# Amerisolar

Worldwide Energy and Manufacturing USA Co., Limited



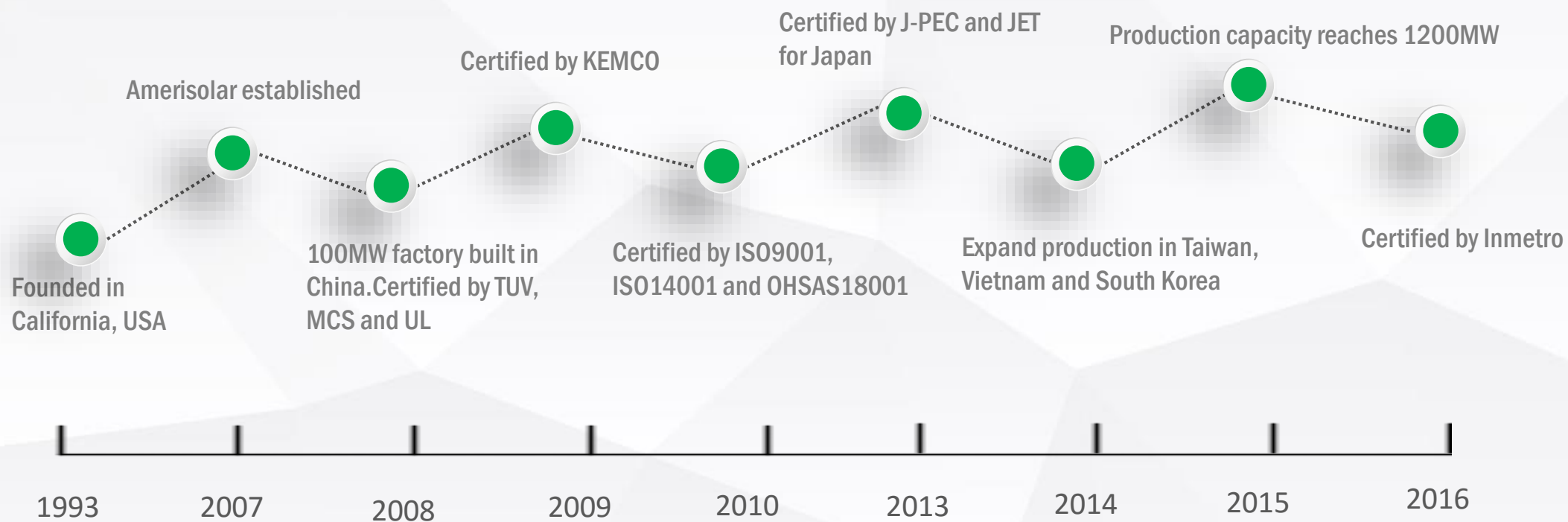
[www.weamerisolar.com](http://www.weamerisolar.com)

# Contents

- ✓ Vision and Mission
- ✓ History
- ✓ Amerisolar Strategy
- ✓ Amerisolar Culture
- ✓ Competitive Advantages
- ✓ Manufacturing Base
- ✓ Production lines
- ✓ Our Products
- ✓ Quality and Warranty
- ✓ Packing & Shipment
- ✓ Bankability
- ✓ Project References
- ✓ Global Solar Shows

- ✓ To develop and enhance solar technology and provide the most reliable and affordable solar energy in global markets.
- ✓ To gain complete control over a vertical-value-chain, from manufacturing materials and modules to providing solar technical services for solar systems and power plants.
- ✓ To be a worldwide leader for PV technology.
- ✓ To be a public company taking more social responsibilities.







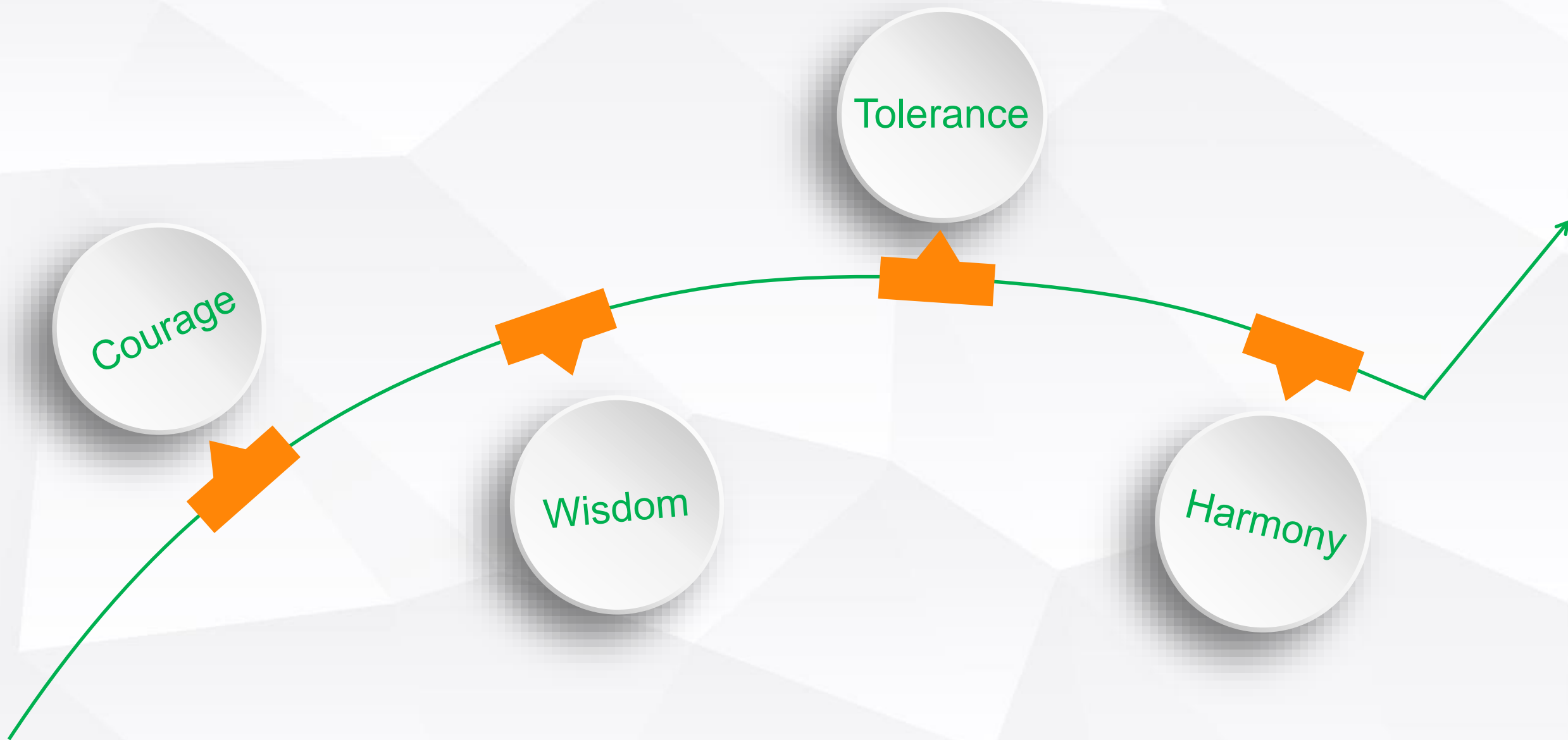
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On the way to IPO in China stock market as a solar company with leading solar technology, technical service and solar power plant investment.

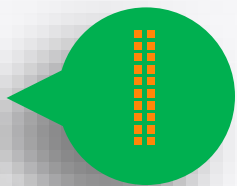
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Leading Solar  
Technology Worldwide



2

High Quality  
Products

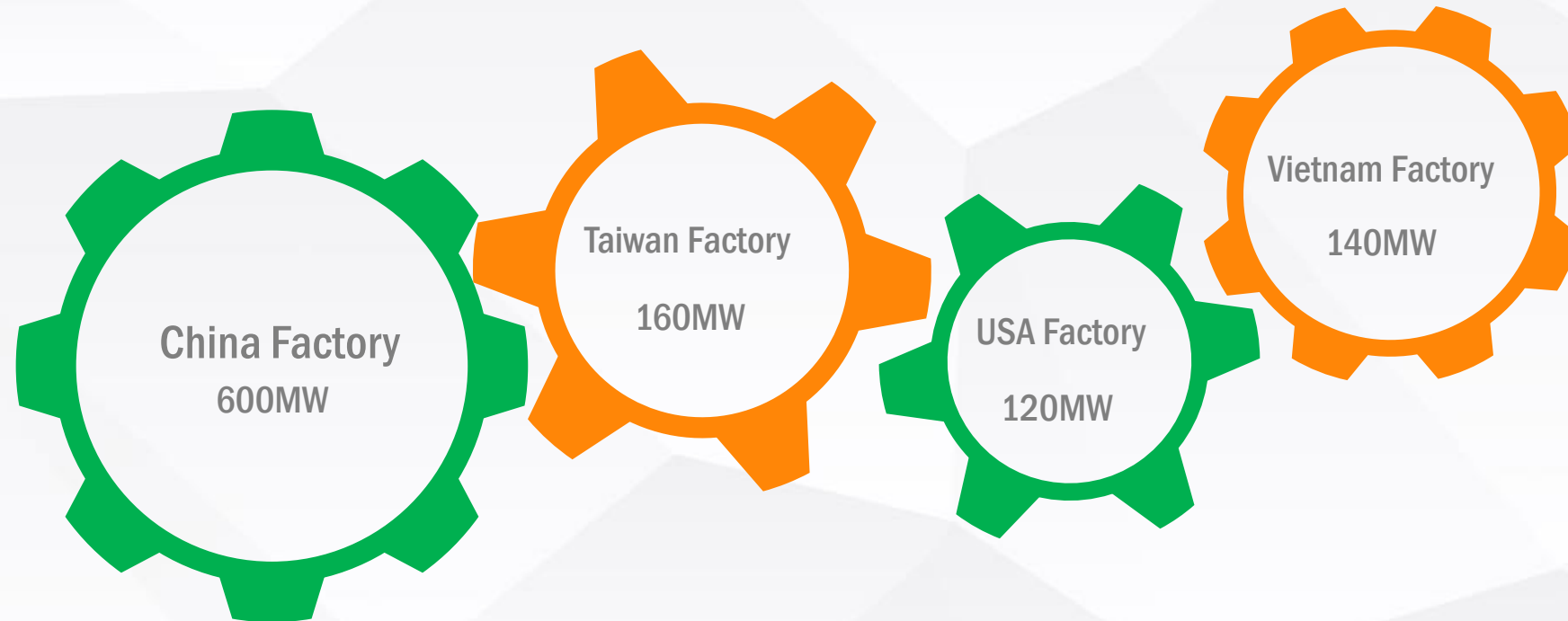
No Anti-Dumping  
Tariff for EU & USA



3

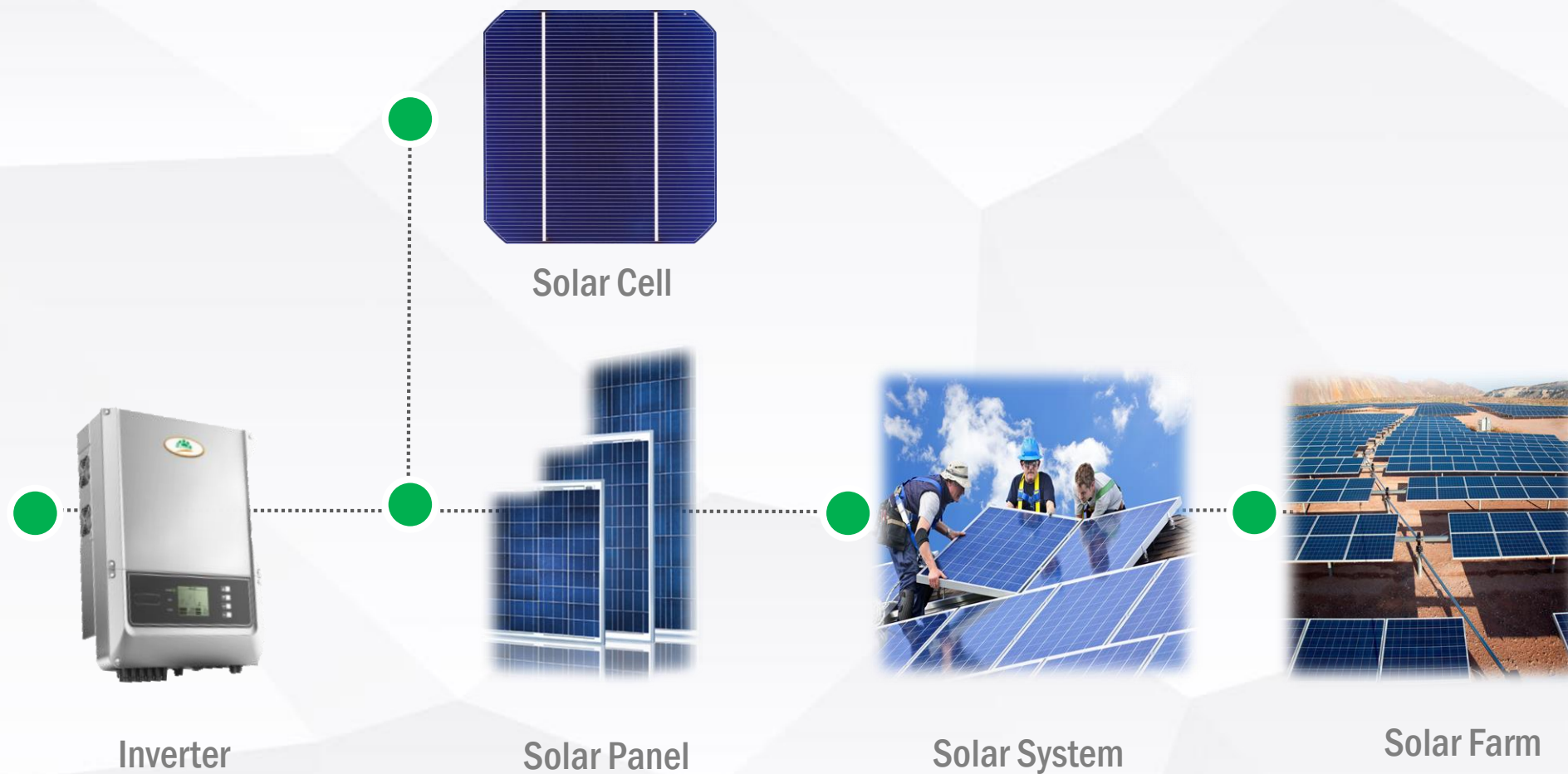
Door-to-Door  
Logistics Services





Worldwide Production Capacity **1200MW** in 2016







Laying



Automatic Soldering

Laminating

IV testing



### Poly AS-6P

Output up to 330 Watt

72 of 156\*156mm cells

### Poly AS-6P30

Output up to 275 Watt

60 of 156\*156mm cells

### Poly AS-6P18

Output up to 170 Watt

36 of 156\*156mm cells

### Mono AS-5M18

Output up to 90 Watt

36 of 125\*125mm cells

### Mono AS-6M30

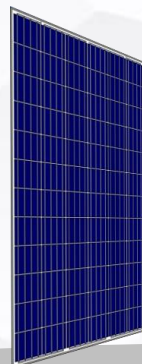
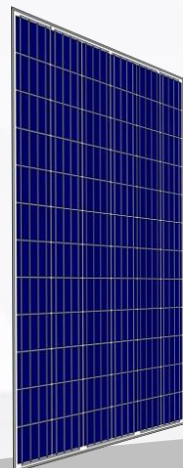
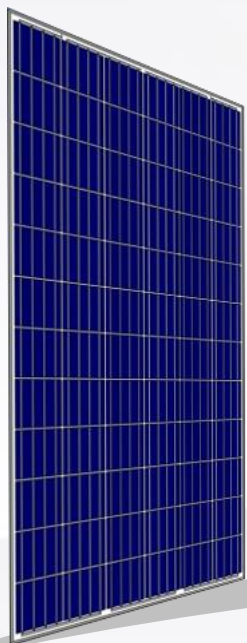
Output up to 280 Watt

60 of 156\*156mm cells

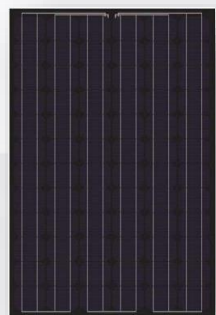
### Mono AS-6M

Output up to 340 Watt

72 of 156\*156mm cells



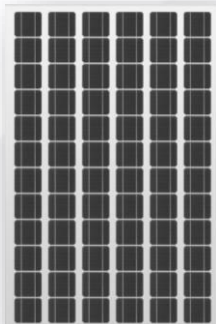




Super Thin

Allblack appealing design with black backsheet and frame.

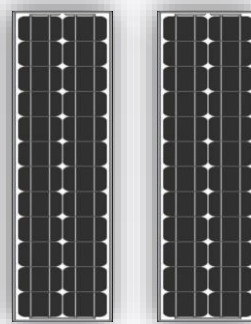
Easy handling due to super thin frame and low weight



Transparent

Aesthetically appealing design with transparent backsheet especially for skylight, roofing and facades applications.

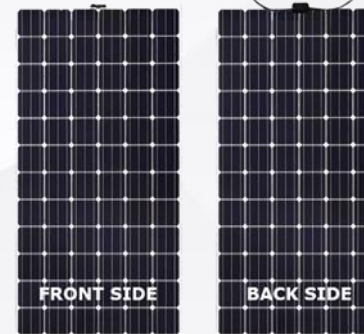
High module conversion efficiency up to 16.90% through advanced manufacturing technology.



AgriSun<sup>™</sup>

High module conversion efficiency up to 16.11% through advanced manufacturing technology.

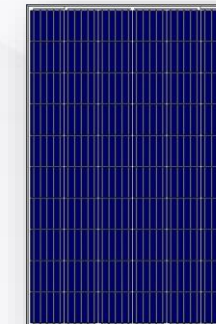
Robust aluminum frame ensures the modules to withstand wind loads upto 2400Pa.



Bifacial

High module conversion through the use of advanced bifacial cell technology.

The back face of the module can generate electricity from the ambient light reflected by surrounding surfaces, which can yield up to 30% gain in power generation per square meter.



5 Busbar

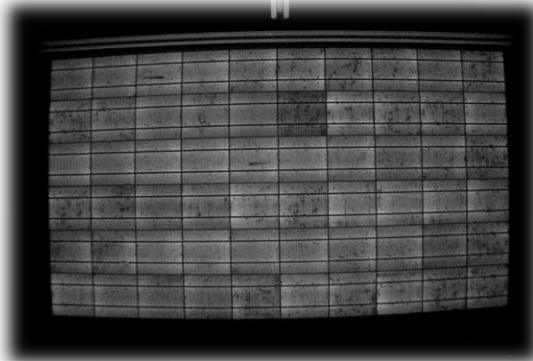
Higher efficiency and higher electricity power output

5-Busbar front metallization design ensures better current collection and less module power loss

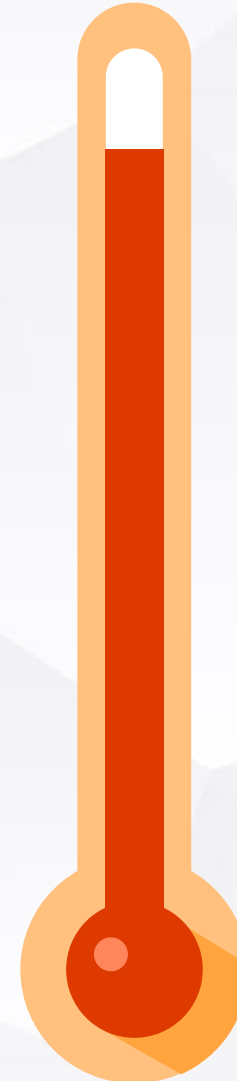
Superior light trapping effect



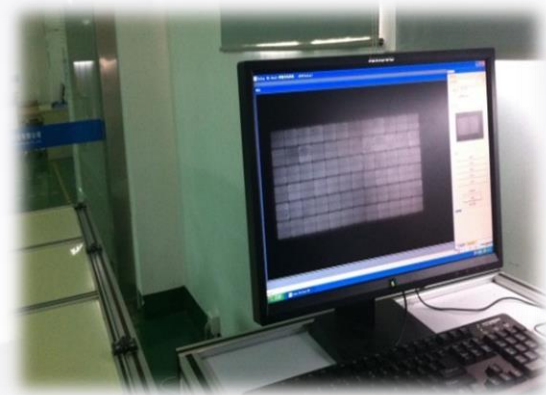
EL Recording



EL TEST



EL TEST



Each piece of Amerisolar panel has been strictly tested and only **100%** Qualified products could be shipped to our clients worldwide.



30-Year-Warranty



R & D Exclusive Patents



CHUBB Insurance

- ✓ Guaranteed power output: 0 ~ +3%
- ✓ Over 12 years repair & replacement product warranty
- ✓ Over 12 years 91.2% power output warranty
- ✓ Over 30 years 80.6% power output warranty
- ✓ Over 136 patents for Amerisolar modules to ensure perfect products
- ✓ Product ranges from 70w to 330w
- ✓ High efficiency solar cell up to 19.2%
- ✓ High-transmission-rate glass with Anti-reflecting coating
- ✓ Robust aluminum frames which ensure modules to withstand snow loads up to 5400Pa
- ✓ Water proof junction box plus MC4 connectors
- ✓ USA Insurance Company Top 500 Fortune





Leading Manufacturing and  
Quality -Proven Certificated  
by Third Parties:

- ✓ PID Free
- ✓ Salt Mist Approved
- ✓ Fire Test Approved





The Performance Ratio of Amerisolar mono 190W solar panel is 99.9%, which is the highest compared to other first-class manufacturers in the world.

## Test Laboratory

A couple of years ago, PHOTON Europe GmbH decided to build its own test lab, resulting in the creation of PHOTON laboratory, located at the company's headquarters in Aachen, Germany. The lab was established as a means to perform independent evaluations of inverters and modules.

### Solar modules in PHOTON Lab's test field

The table starting on this page shows data for modules in PHOTON Laboratory's test field during 2011 and January 2012. The table shows full-year results for 2011, when available, as well as monthly statistics for January.

Note that the results from just 1 month tell us nothing about how the

modules function over the course of a year. For instance, modules that perform well under direct solar irradiation, and that therefore deliver high yields in the summer months, can see considerable reductions in performance during fall and winter (when the share of diffuse irradiation is higher). The opposite scenario is also pos-

sible. Naturally, the summer months play a disproportionately large role in annual yield calculations.

One should also take the installation date of each module into account when comparing figures in these tables. To ensure that test conditions are as realistic as possible, we do not clean the modules on the test field.

PHOTON Lab's outdoor module tests: Results of 2011 and January 2012 yield measurements

Manufacturer	Model	Cell type	Origin	Production dates**	Installed in	STC power (W)	2011 rank	Performance Ratio	Yield
								2011	January 2012
Aide Solar Energy Technology	AQ190M5-Aa	Monocr.	CN	—	9/2011	190.0	—	—	99.9 %
Aldo Solar	also S, 18.325	Multi	DE, ES	2005	2010	230.5	15	87.6 %	97.3 %
Alex Solar Energy & Technology	ALM 190D-38	Monocr.	CN	2009	7/2011	187.8	—	—	93.8 %
Amerisolar, Worldwide Energy & Manufacturing	AS-1M 190W	Monocr.	—	—	1/2012	195.0	—	—	99.9 %
	AS-1P20-230W	Multi	—	—	1/2012	236.8	—	—	95.4 %
Apollo Solar Energy	235G0M	Multi	—	—	1/2012	238.0	—	—	101.8 %
Astronergy	CHM5612M 185	Monocr.	—	—	1/2012	187.4	—	—	94.1 %
	CHM5612P 230	Multi	—	—	1/2012	234.2	—	—	97.4 %
Axtec	AC 230P/156-605	Multi	DE	Through 2011	2/2011	232.9	—	—	98.4 %
	AC 250M/156-605	Monocr.	CN, EU	—	1/2012	240.9	—	—	97.3 %
Bislot	BMS1-215-2021	Multi	SI	2007	2010	229.1	8	88.2 %	93.1 %
	BMS1-215-2023	Multi	SI	2009	3/2011	234.2	—	—	97.0 %
Bosch Solar Energy	Bosch c-Si M 90 230	Monocr.	DE	2009-2010	2/2011	232.2	—	—	96.4 %
BP Solar International	BP 3220 T	Multi	CN	Through 2011	7/2011	232.5	—	—	96.9 %
	BP 3000 T	Multi	—	Through 2011	6/2011	207.4	—	—	95.7 %

Test Lab

Statistics

Solar Irradiation

Education & Training

Members

**丘博保險（中國）有限公司江苏省分公司**  
**CHUBB INSURANCE (CHINA) COMPANY LTD., JIANGSU BRANCH**  
 中國江蘇省南京市建邺區伊山路100號 郵政編碼：210019 電話：(86 25) 86070101 傳真：(86 25) 85210885  
 Unit 1001/1002/1012, Jiangsu World, 100-100 Lushan Road, Jiangsu Province, 210019, P.R. China Tel: (86 25) 86070101 Fax: (86 25) 85210885  
 南京總機 Service 156line 400-889-2126

**ACORD 25** **CERTIFICATE OF LIABILITY INSURANCE** No. **93519144C2** DATE: **May 15, 2013**

PRODUCER  
**WADE WANG**  
 Unit 901-905 and 907-908, Kerry Parkside Office Building, No. 1155, Fang dian Road, Pudong New District, Shanghai

INSURED  
 Worldwide Energy and Manufacturing (Nantong) Co., Ltd.  
 Worldwide Energy and Manufacturing USA Co., Ltd.  
 No. 88, Qifeng Road, Rugao City, 226500, Jiangsu Province, China.  
 RM 1708 C1, Man Fung Tower, 173 Desvoeux RD Central, Hong Kong

INSURER A **Chubb Insurance (China) Company Limited Jiangsu Branch**  
 INSURER B  
 INSURER C  
 INSURER D


**COVERAGES**  
 THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED, NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN. THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. AGGREGATE LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

LINE	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YYYY)	POLICY EXPIRATION DATE (MM/DD/YYYY)	LIMITS
A	GENERAL LIABILITY X COMMERCIAL GENERAL LIABILITY X CLAIMS MADE X OCCURRENCE GENERAL AGGREGATE LIMIT APPLIES PER X POLICY	93519144	04/20/2013	04/20/2014	EACH OCCURRENCE FIRE DAMAGE (per occurrence) THEFT AND VANDALISM (per occurrence) GENERAL AGGREGATE PRODUCTS - COMPLETED USD 1,000,000.00 USD 1,000,000.00
	PROJECT LOCATION AUTOMOBILE LIABILITY ANY AUTO ALL OWNED AUTOS SCHEDULED AUTOS LEASED AUTOS NON-OWNED AUTOS				COMBINED SINGLE LIMIT BODILY INJURY (per person) BODILY INJURY (per accident) PROPERTY DAMAGE (per accident)
	GARAGE LIABILITY ANY AUTO				AUTO ONLY EACH ACCIDENT OTHER THAN AUTO ONLY EACH ACCIDENT AGGREGATE
	EXCESS LIABILITY CLAIMS MADE DEDUCTIBLE RETENTION				EACH OCCURRENCE AGGREGATE
	WORKERS COMPENSATION AND EMPLOYER'S LIABILITY				NO STATUTORY LIMITS OTHER EL EACH ACCIDENT EL DISEASE EACH EMPLOYEE EL DISEASE POLICY LIMIT EACH OCCURRENCE GENERAL AGGREGATE
	ERRORS OR OMISSIONS LIABILITY CLAIMS MADE OCCURRENCE				

DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES/SPECIAL ITEMS  
 Policy subject to Vendor's Endorsement.  
 Insured Products: See Modules sold to Worldwide

**CERTIFICATE HOLDER/ADDITIONAL INSURED**  
**WORLDWIDE ENERGY AND MANUFACTURING USA CO., LTD** at the following address:  
 RM 1708 C1, MAN FUNG TOWER, 173 DES VOEUX RD  
 CENTRAL HONGKONG

**CANCELLATION**  
 SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING COMPANY WILL ENDEAVOR TO MAIL WRITTEN NOTICE OF CANCELLATION 60 DAYS IN ADVANCE OF CANCELLATION DATE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT WITHIN THE TIME PRESCRIBED IN SUCH POLICIES, BUT FAILURE TO MAIL SUCH NOTICE IN SUCH TIME SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE INSURER, ITS AGENTS OR REPRESENTATIVES AUTHORIZED REPRESENTATIVE

Authorized Signature: 



Certificate Of Liability Insurance No.93519144c2



CHUBB - USA Insurance Company Top 500 Fortune



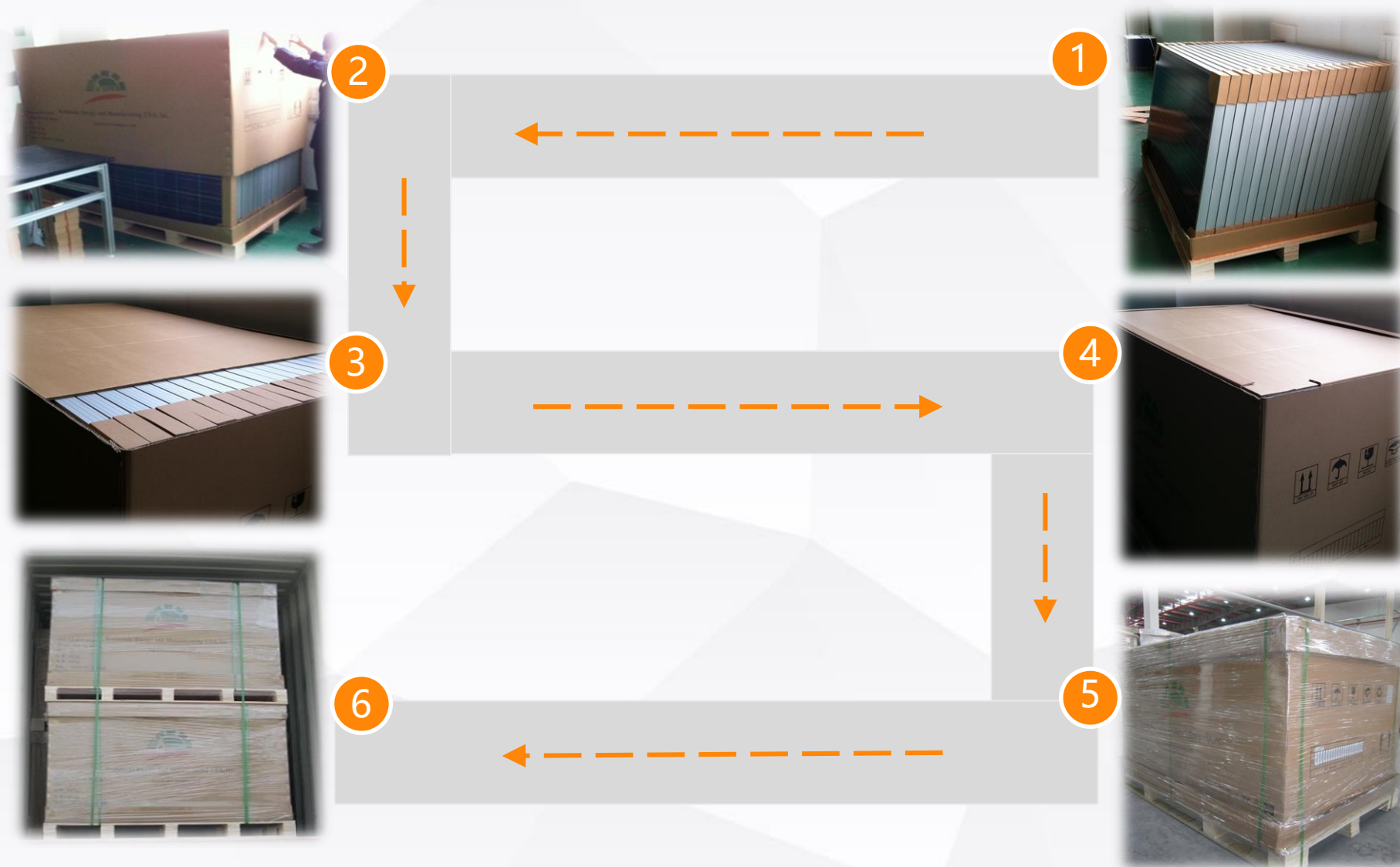
Insured


Worldwide energy and manufacturing USA Co., limited

Worldwide energy and manufacturing (Nantong) Co., limited



## Packing & Shipment



 We has received a highest-level evaluation for its product quality and factory facilities from PROTOS Research Institute, and been bankable in the following main banks.

PROTOS S.P.A. is a professional technical surveyor organization who is in Uni-credit's white-list.



> 10000

Potential

To develop and enhance solar technology and provide the most reliable and affordable solar energy in global markets.

> 1000

Existing

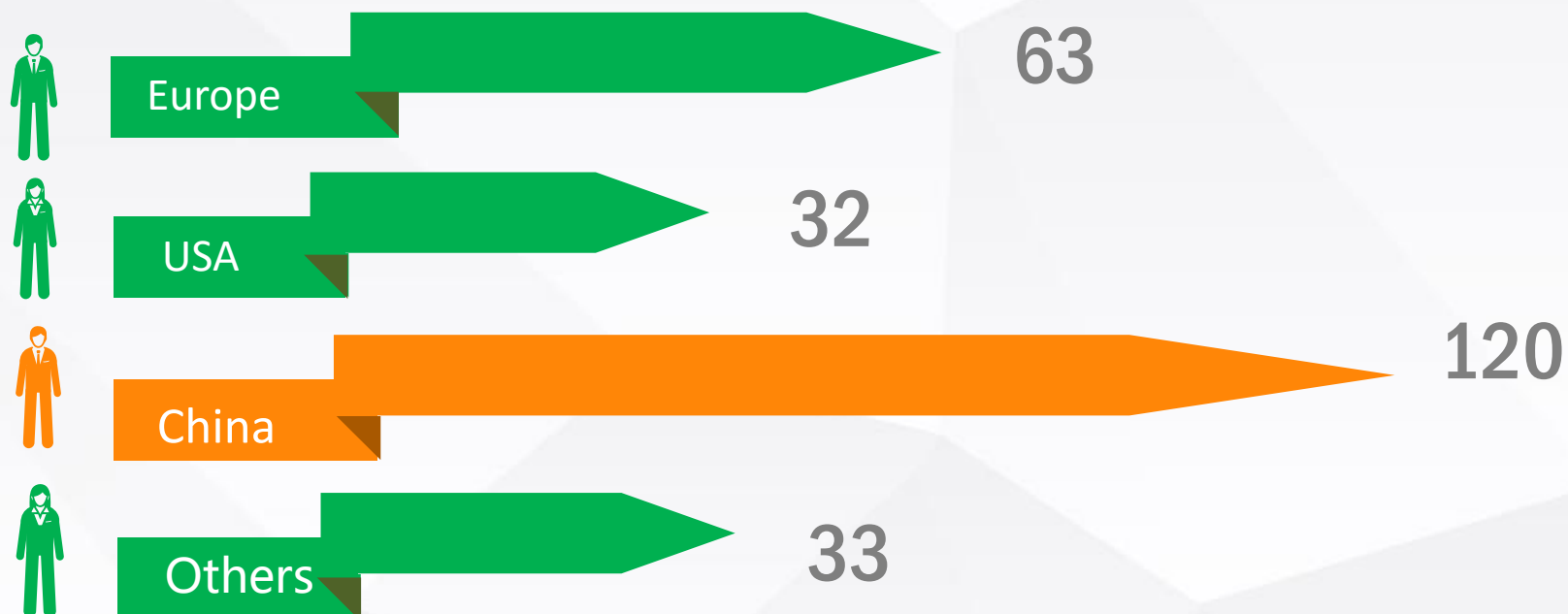
To develop and enhance solar technology and provide the most reliable and affordable solar energy in global markets.

> 500

Long-Term  
partnership

To develop and enhance solar technology and provide the most reliable and affordable solar energy in global markets.





To develop and enhance solar technology and provide the most reliable and affordable solar energy in global markets.

## ■ Project References



1.13MW Saitama-ken, Japan



500KW Chiba-ken, Japan



993KW Hyogo-ken, Japan



1.46MW Yamagata-ken, Japan



1MW Semyeong, South Korea



## ■ Project References



2MW Denizli Turkey



14.5MW Foggia, Italy



400KW Athens, Greece



1.63MW Germany



1MW Churchstoke, UK







5.658MW in Belarus



1MW in Bicaci Romania



660KW in Hungary



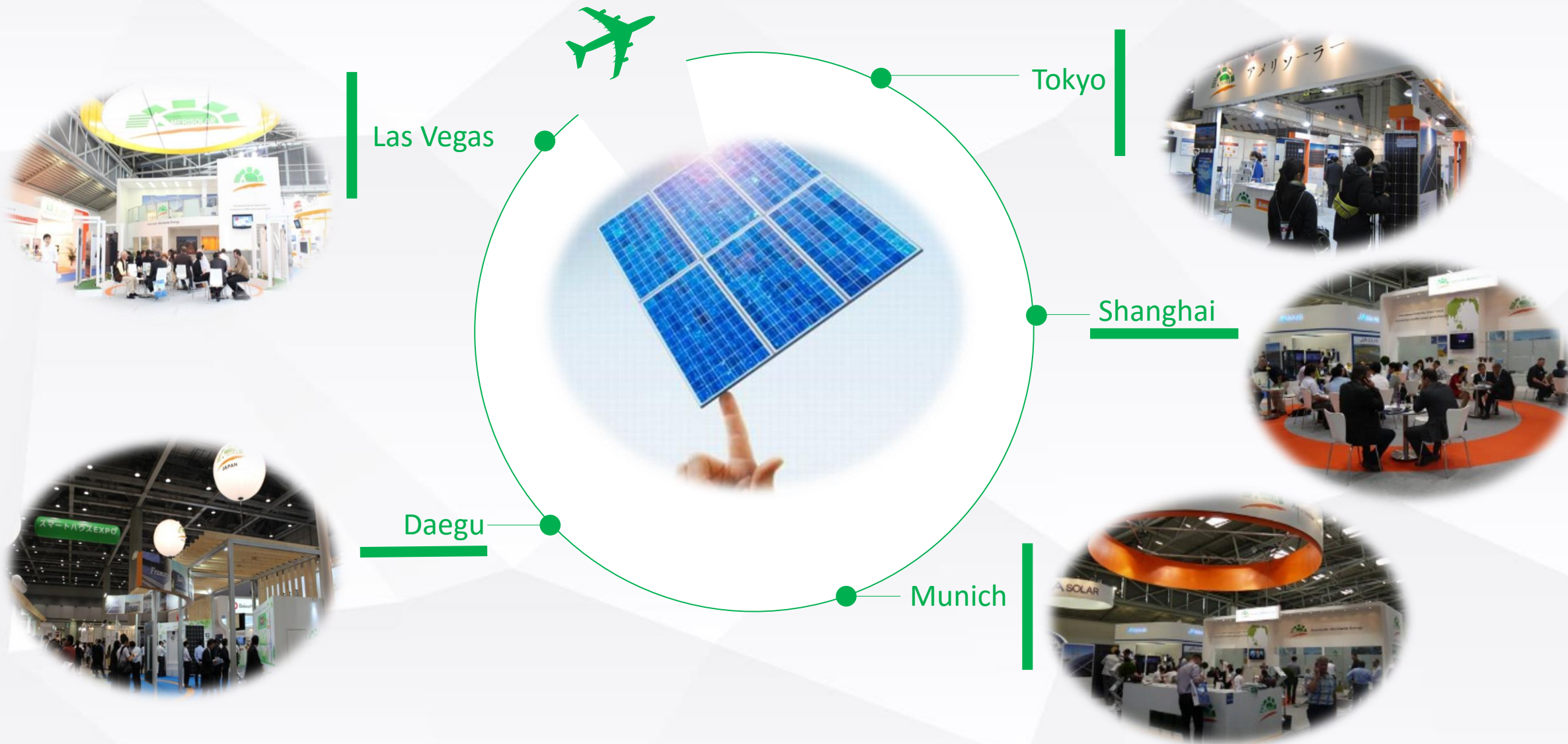
1.3MW Slovenia



10.5 MW Tinglev , Denmark



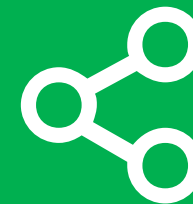






Thank

You



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