



Solar for everybody

Company introduction





The future is solar for everybody

At Solplanet, we are driven by a simple idea: solar for everybody.

We strive to create the best possible experience for distributors, installers and end users.

That's why our products are easy-to-install, reliable and user friendly.

Solplanet photovoltaic inverters are manufactured in compliance with international high-quality standards.

Our annual production capacity exceeds 10 GW.
So, chances are we can meet your demand.





You can depend on Solplanet

Solplanet is a brand of AISWEI, who has been manufacturing inverters since 2007.

AISWEI, also formerly known as SMA's Chinese subsidiary, successfully manufacturing high-quality and reliable products for renowned brands like SMA since 2017 and Zegersolar since 2013.

Today AISWEI is an independent research, development and manufacturing company. A recent equity restructuring puts AISWEI on particularly strong financial footing within the industry.





Solplanet makes things easy

We strive to create the best possible experience for distributors, installers and end users.

That's why our products are easy to install, reliable and user friendly.

We offer a variety of quality products with long lasting warranty that you can depend on:

- 1-10 kW Single phase inverters
- 3-50 kW Three phase inverters
- 3-6 kW Hybrid single phase inverters
- Smart cloud-based monitoring & communication systems
- 7.4-22 kW AC EV Charger



Company at a glance

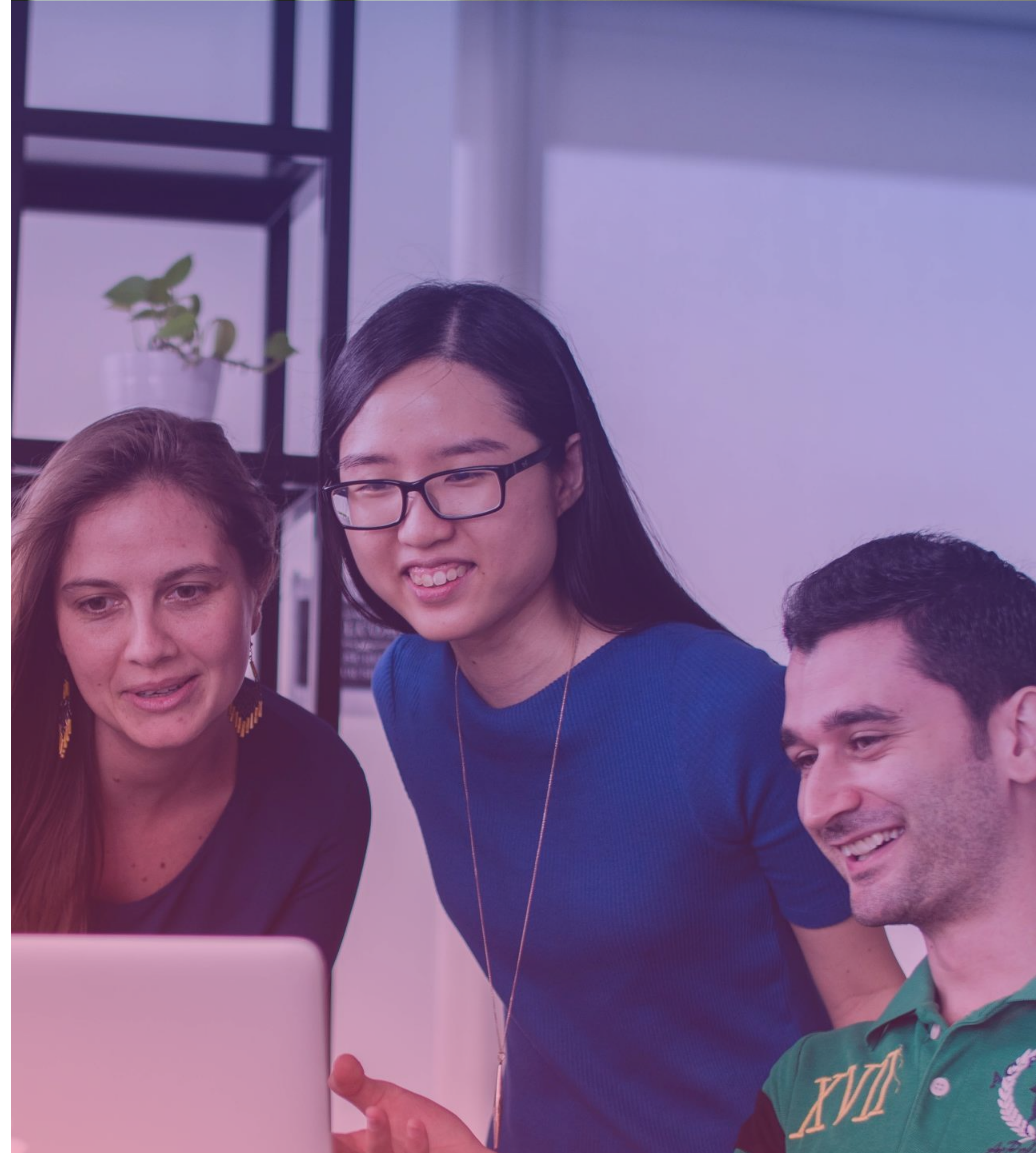


Our team

Our team of leaders and professionals have extensive background from market leading multi-nationals, largely from Tier-1 international companies such as Siemens Wind, SMA Solar, Huawei and Eaton etc.

We are experts in international teamwork.

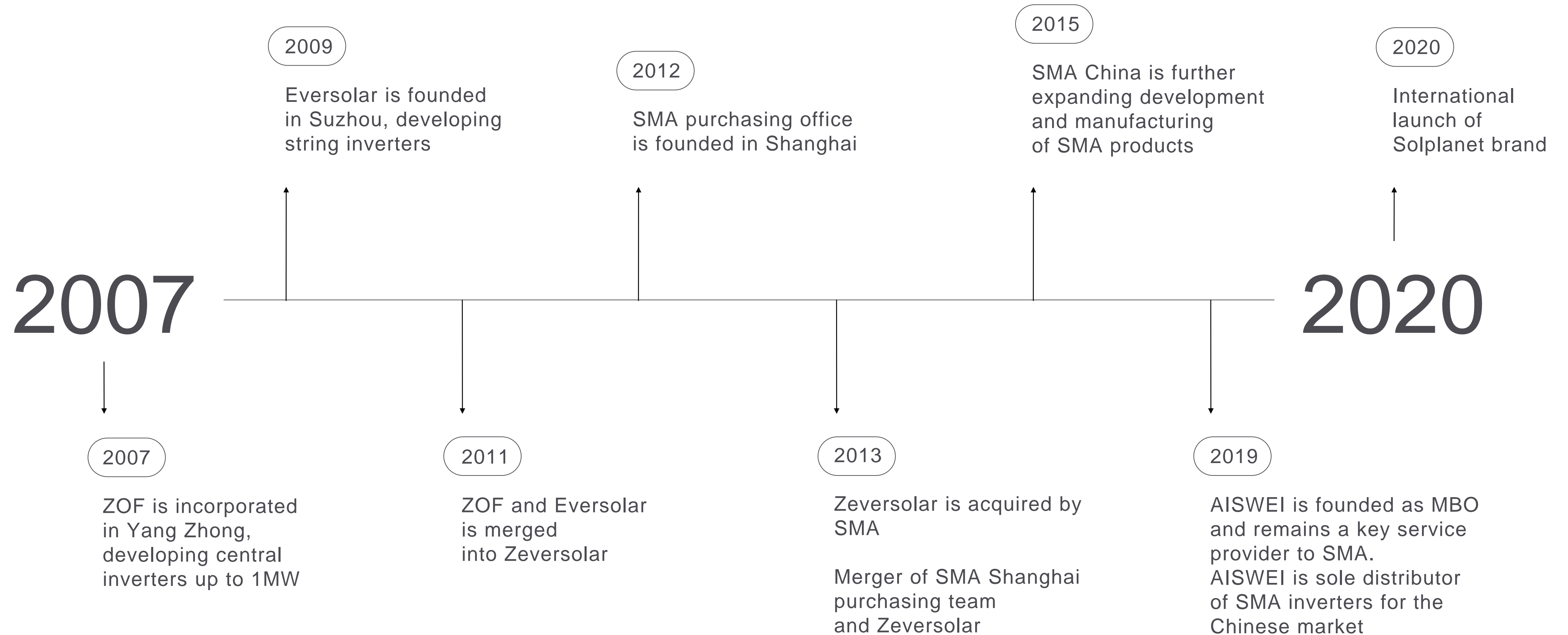
When you partner with us, you get the best of two worlds: Solid process know-how coupled with the agility of a new generation.



Company history



爱士惟



Facts and figures



2019

MBO closed
with SMA

22 sites

Shanghai, Suzhou, Xi'an,
Yangzhong, Taipei, United Kingdom,
Spain, Netherlands, Germany, Poland,
Hungary, Italy, Turkey, Brazil, Chile,
Colombia, Australia, South Korea,
Vietnam, Pakistan, India, South Africa

700+

Employees

10GW

Annual
Capacity

ISO

Quality Standards

40.000

SQM Factory Land

600.000

Inverters/year

€140M+

2021 Revenue

2021



reddot winner 2021
Red Dot Award



200+ R&D engineers

20+ Quality engineers

15 Commodity Managers

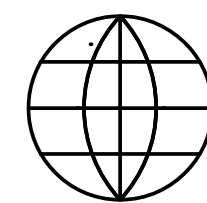
230 Active suppliers

Sole Distributors of SMA Products in China

200+ Patents and copyrights

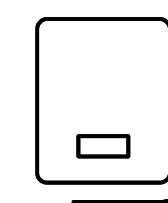


Our locations



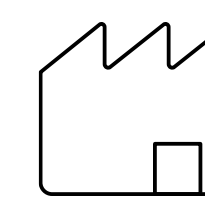
Headquarter

- Shanghai



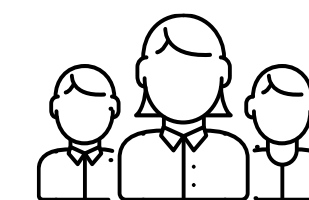
R&D Center

- Suzhou, Xi'an



Manufacturing Center

- Yangzhong



Global Sales & Service Center

- China mainland, Taipei, United Kingdom, Spain, Netherlands, Germany, Poland, Hungary, Italy, Turkey, Brazil, Chile, Colombia, Australia, South Korea, Vietnam, Pakistan, India, South Africa



R&D and ODM services



Internationally accredited laboratory

Our laboratories are endorsed by the following international certification agencies, with strict test results accepted.

With own technological leadership, we are the formulator of many national and international standards and is also the main drafting company of China Quality Certification Center "Standards for Certification of Household Roof Solar System".



STATE GRID
CORPORATION OF CHINA



Test & validate

We offer a comprehensive portfolio of design validation and testing services to support your design changes.

- Temperature and humidity tests
- Shock and vibration tests
- Water/dust
- EMC compliance
- Reliability tests including high temperature full loading 1000 hrs, on/off at full loading 1000 cycles, long term salt fog endurance tests, thermal shock 1300 cycles, high humidity endurance, mechanical stress tests, fan blocked, overloading
- Long term field tests under real life international grid conditions





Product development

Leverage on our experience of developing more than 50 unique B2B products from 1KW to 1MW.

We manage the entire design cycle through all design gates via Product Engineering Process.

We take care of everything from hardware, software, design, packaging, nameplate, documentation, and product certification in your target markets.





Advanced manufacturing

You benefit from our long-term manufacturing experience with EU-based tier-1 quality leaders.

You leverage on our mature and transparent processes for medium to high output volumes

- Integrated MES ensures full transparency
- 100% ATE and aging tests
- 100% incoming material inspection
- Regular self-audit, strict document control, application of 8D and Lean
- Full observance to HSE and ESD
- Closely managed forecasting process ensures fast delivery capability
- Access to motivated and flexible employees





International logistics

International shipments is a matter of course for us and we help you achieve your most complex logistical demands.

We maintain relations with the relevant logistics providers and have solutions for shipments by sea, train and air – LCL/FCL.

We provide the necessary documentation to ensure a smooth import process as well as shipment tracking.

We offer all INCOTERMS from EXW to DDP.





Product Service

Leverage on our installed base of more than 700.000 units worldwide. We offer a comprehensive set of service processes to fit your needs.

- Service line support with international numbers, offered in local languages
- Email-based/online-based support
- Automated RMA processes with replacements arriving to end-customer
- Internationally operating field service
- On request we also offer innovative service products such as extended warranties to fit your market requirements

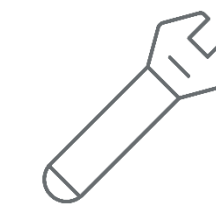


Product introduction

Single phase string inverters



ASW S-S SERIES 1 kW to 3 kW



Easy-to-install

- Toolless DC connection via Phoenix Contact connectors
- Quick setup and commissioning with AiSWEI apps
- Compact wall mount design



Reliable

- International quality standards
- Integrated DC switch
- IP65 rated design for outdoor use



User-friendly

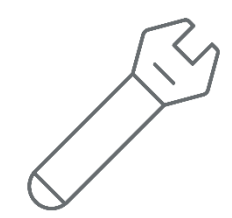
- User friendly app interface
- Online monitoring via Wi-Fi and AiSWEI apps
- Distinguishable connection interfaces



Single phase string inverters



ASW S SERIES
3 kW to 5 kW



Easy-to-install

- Toolless DC connection via Phoenix Contact connectors
- Quick setup and commissioning with AiSWEI apps
- Compact wall mount design



Reliable

- International quality standards
- Integrated DC switch
- IP65 rated design for outdoor use



User-friendly

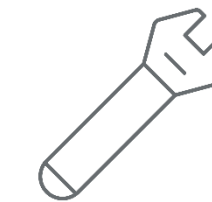
- User friendly app interface
- Online monitoring via Wi-Fi and AiSWEI apps
- Dual MPPT's for flexible PV array design



Single phase string inverters



ASW S SERIES 6 kW to 10 kW



Easy-to-install

- Toolless DC connection via Phoenix Contact connectors
- Quick setup and commissioning with AiSWEI apps
- Compact wall mount design



Reliable

- International quality standards
- Integrated DC switch
- IP66 rated design for outdoor use



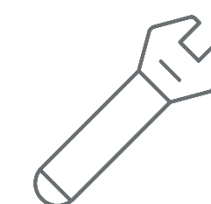
User-friendly

- 16 A input current, compatible with bifacial and large area PV modules
- Online monitoring via Wi-Fi and AiSWEI apps
- 3 MPPT's for flexible PV array design

Three phase string inverters



ASW T SERIES 3 kW to 10 kW



Easy-to-install

- Toolless DC connection via Phoenix Contact connectors
- Quick setup and commissioning with AiSWEI apps
- Compact wall mount design



Reliable

- International quality standards
- Integrated DC switch
- IP65 rated design for outdoor use



User-friendly

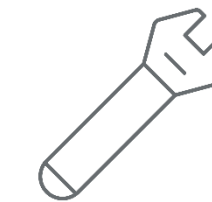
- User friendly app interface
- Online monitoring via Wi-Fi and AiSWEI apps
- Dual MPPT's for flexible PV array design



Three phase string inverters



ASW LT-G2 Pro SERIES
3 kW to 20 kW



Easy-to-install

- Toolless DC connection via Phoenix Contact connectors
- Quick setup and commissioning with AiSWEI apps
- Compact wall mount design



Reliable

- International quality standards
- 150% PV array oversizing for higher yields
- IP66 rated design for outdoor use



User-friendly

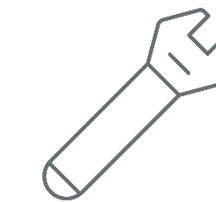
- User friendly app interface
- *Up to 20 A input current, ideal for bifacial and large area PV modules
- Wide MPP voltage range 150V-1000V

*3kW to 6kW: 16A input current; 8kW to 20kW: 20A input current

Three phase string inverters



ASW LT-G3 SERIES 25 kW to 40 kW



Easy-to-install

- Toolless DC connection via Phoenix Contact connectors
- Quick setup and commissioning with AiSWEI apps
- Compact wall mount design



Reliable

- International quality standards
- 150 % PV array oversizing for higher yields
- IP66 rated design for outdoor use



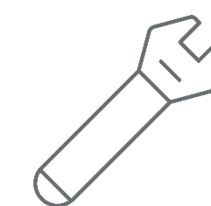
User-friendly

- 20A input current, ideal for bifacial and large area PV modules
- 3 MPPT's for flexible PV array design
- Wide MPP voltage range 180V-1000V

Three phase string inverters



ASW LT-G2 SERIES 30 kW to 50 kW



Easy-to-install

- Toolless DC connection via Phoenix Contact connectors
- Quick setup and commissioning with AiSWEI apps
- Compact wall mount design



Reliable

- International quality standards
- 150 % PV array oversizing for higher yields
- IP66 rated design for outdoor use



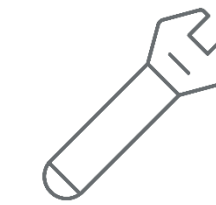
User-friendly

- 13 A input current, ideal for bifacial and large area PV modules
- 5 MPPT's for flexible PV array design
- Wide MPP voltage range 200V-1000V

Hybrid string inverters



ASW H-S SERIES 3 kW to 6 kW



Easy-to-install

- Toolless DC connection via Phoenix Contact connectors
- Quick setup and commissioning with AiSWEI apps
- Compact wall mount design



Reliable

- Smart energy management
- UPS capability - power during blackouts
- IP66 rated design for outdoor use



User-friendly

- User friendly app interface
- Online monitoring via Wi-Fi and AiSWEI apps
- Easy to connect - battery and smart meter interfaces



Setting new design standards

“Never before in the more than 60-year history of our design competition have so many companies and design studios faced the professional judgment of our international jury as this year.

Products from around 60 countries reached us, and their design quality and degree of innovation were evaluated in a process lasting several days.

Therefore, I am particularly pleased to inform you that your product was able to convince our jurors and receives an award in the Red Dot Award: Product Design 2021.

Congratulations on this great achievement!

The fact that you claimed your place in a strong field of participants speaks for the excellent quality of your product.”

Yours sincerely,

A handwritten signature in blue ink, appearing to read "Peter Zec".

Professor Dr. Peter Zec
Founder and CEO of Red Dot

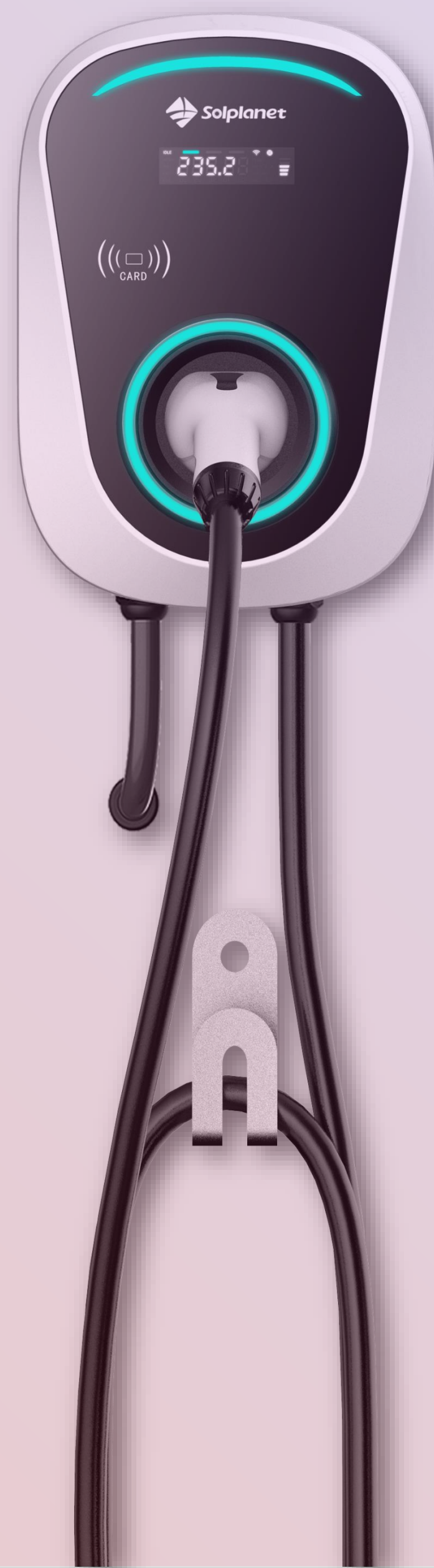
Essen, March 2021



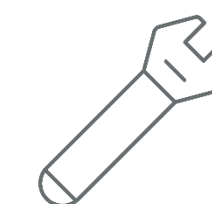
red**dot** winner 2021



AC EV Charger



SOL EVPOWER Series
7.4 kW 11 kW 22 kW



Easy-to-install

- Compact, wall mount and lightweight
- Easy-to-install with basic tools
- Quick Wi-Fi set up with app



Reliable

- TÜV Rheinland EN/IEC 61851-1/22 compliant
- DC leakage current detection
- IP55 waterproof for outdoor use
- UV resistant material



User-friendly

- Smart monitoring with user-friendly app
- Scheduled charging & adjustable power by app
- Load balancing set up in app
- RFID for user authentication
- Status Indication with LED Light

Connect & monitor



WIFI/4G-Stick



AiSWEI Cloud



Smart cloud-based monitoring
& communication systems

Application cases

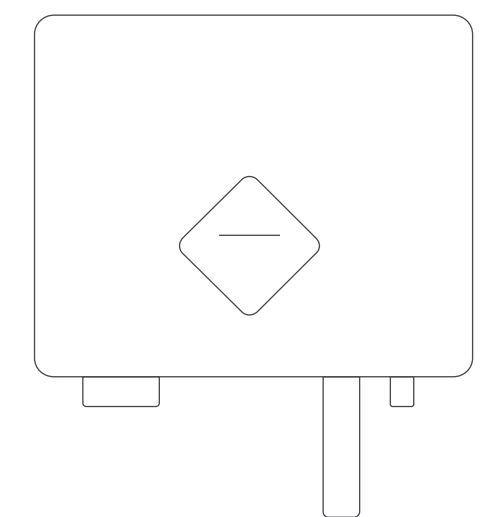


– Residential project

3.5 kWp

Poland
residential project

2021
Zbąszynek, Poland



Used inverter:
ASW3000S-S

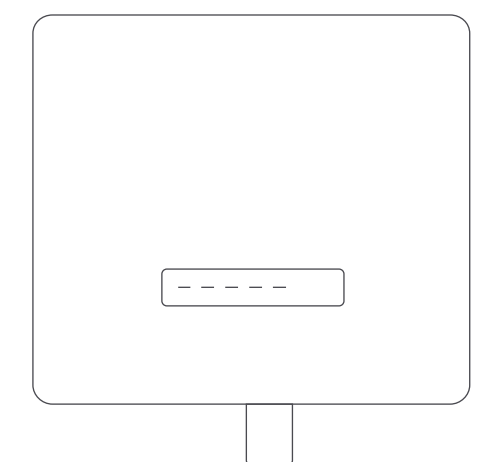


– Residential project

5.4 kWp

Turkey
residential project

2021
Antalya, Turkey



Used inverter:
ASW5000-T

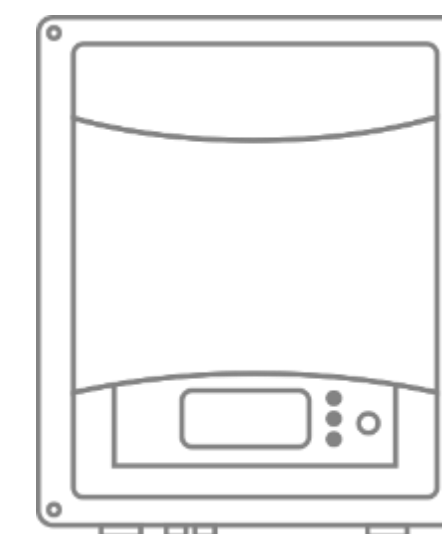


– Residential project

9.9 kWp

Poland
residential project

2020
Cisie, Poland



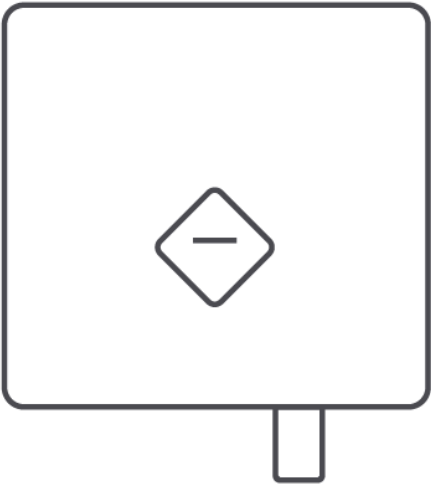
Used inverter:
ASW TLC 10000



– Residential project

5 kWp

Australia
residential project



2021
Melbourne, Australia

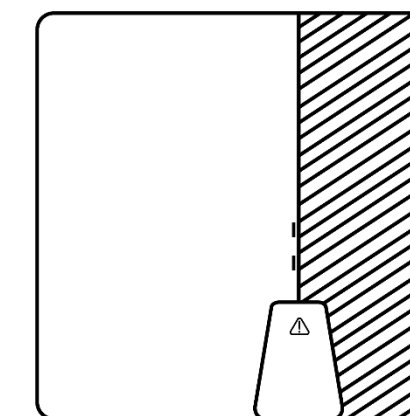
Used inverter:
ASW5000-S



– Residential project

9.68 kWp

Poland
ground project



2021
Zdrowa, Poland

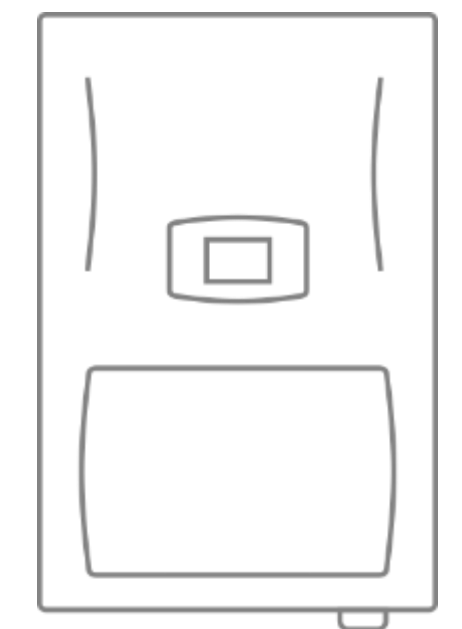
Used inverter:
ASW 10K-LT-G2



– Commercial project

0.5 MWp

Taiwan Pingdong Factory Roof Project



2020
Taiwan, China

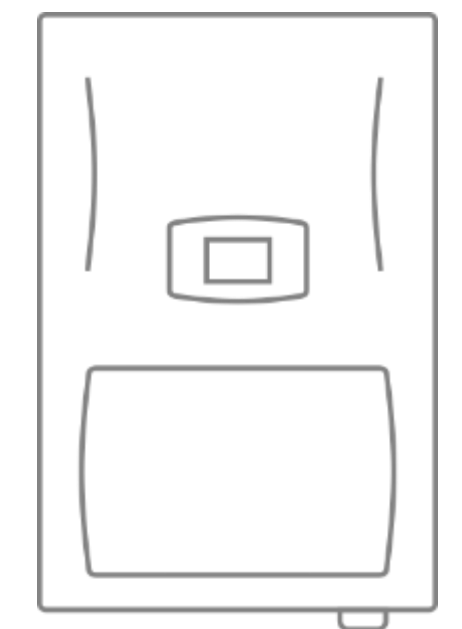
Used inverter:
ASW50K-LT



– Industrial project

3.2 MWp

ABB Factory Roof Project



2017
Shanghai, China

Used inverter:
ASW60K-MT



Solar for everybody

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