



SOLAX POWER

presentation

Simple. Reliable. Efficient
Residential solar energy storage professional
Since 2010



1.

ABOUT SOLAX

2.

QUALITY

3.

SERVICE

4.

PORTFOLIO

5.

PRODUCT

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presentation
agenda

Part 1

ABOUT SOLAX



INVESTORS

Main Shareholders & Investors



SPIC

(State Power Investment Corporation)

- One of the five major power & electricity company in China
- Total assets of USD 157 billion in 2018---Data from fortune.com



CTGC

(China Three Gorges Corporation)

- The world largest hydroelectric power plant
- One of the world's largest energy companies
- Total assets of USD 77.3 billion in 2014--Data from wikipedia



China Orient Asset Management co.,Ltd.

- Asia's largest investment company
- Supervise the four largest banks in China
- RMB 230 billion fund in 2017

Sunny Energy

- Established in 2001
- One of the first batch of 18 national distributed photovoltaic power generation application demonstration units
- Chief editor of the national "photovoltaic module roofing engineering technical guidelines"
- key high-tech enterprise of the National Torch Program.
- The Leader of global BIPV company



Mr. Xinfu Li

- CEO and shareholder of Sunny Energy ;
- President of Hangzhou Solar Energy Association;
- Member of the National People's Congress;
- Medical professor in Zhejiang University
- Vice-president of Hangzhou Charity Organization
- “New Leader Award” of Zhejiang Entrepreneurs
- Golden Phoenix Hangzhou Entrepreneur
- Science and Technology Entrepreneurial Leader of National Ten Thousand Talents' Plan.

SolaX Group Structure

Sunny Energy

Total 40 subsidiaries under Sunny Energy Group, SolaX Power is focusing on the energy storage system and PV inverter industry.

Zhejiang Jinbest Energy
Science and Technology Co Ltd

one of the largest cells & panel manufacturer in China

SolaX Power Network
Technology (Zhejiang) Co Ltd



Sunrui New Energy Co Ltd

EPC

Shanghai Sang Shuo Electric
Power Engineering Design Co
Ltd

Design photovoltaic distributed power
station and manufacture PV module

Sunbei New Energy Co Ltd

EPC

Sunshuo New Energy Co Ltd

EPC

Zhejiang Sunny Solar
Power Equipment Co Ltd

manufacturer of PV module

State Power Investment Group
Sunny New Energy Co Ltd

EPC

2010 **THE BEGINNING**

SolaX Power was founded as a division of Sunny Energy group

2013 **THE FIRST HYBRID INVERTER**

SolaX launched Asian's first Hybrid inverter and now it's 4th generation

OVERVIEW

about solax

500+ **EMPLOYEES**

More than 130 employees in R&D

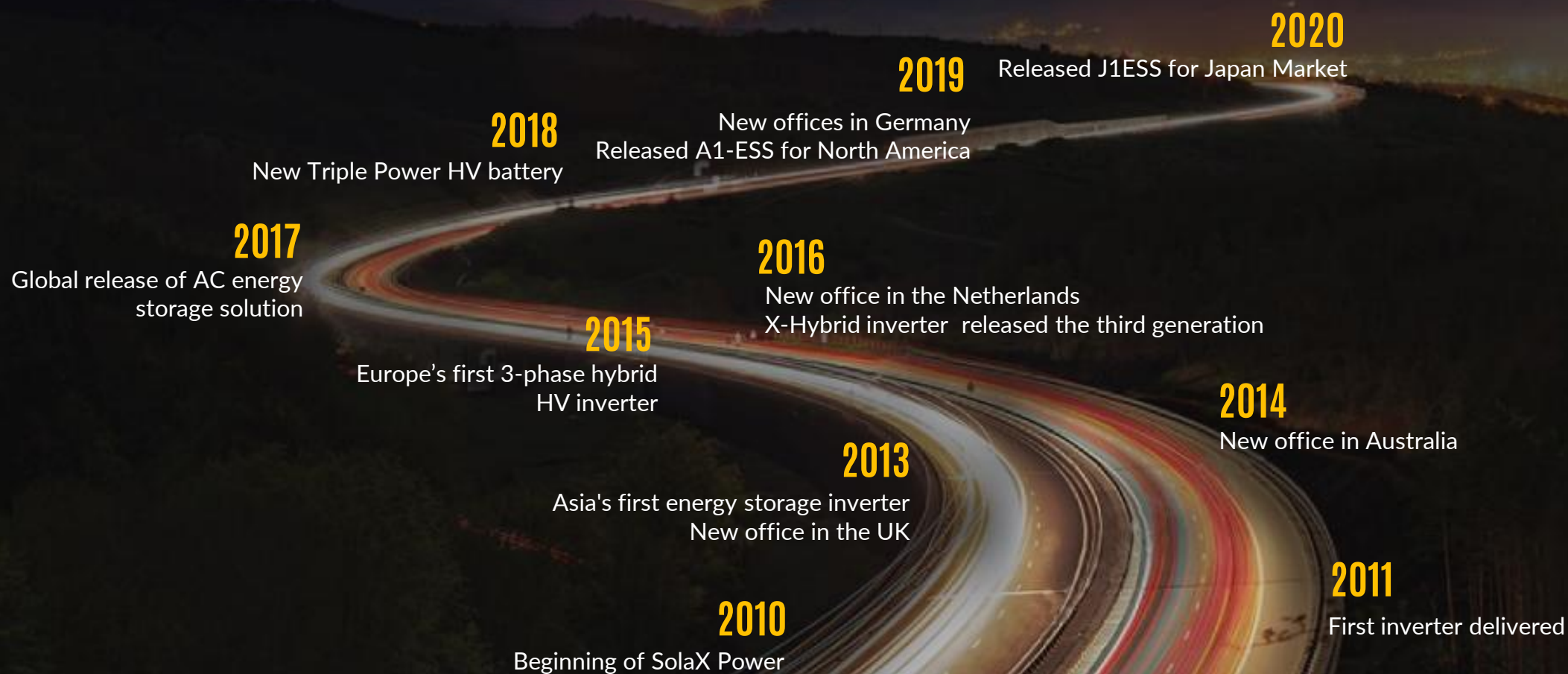
120+ **COUNTRIES**

Selling products to more than 120 countries

50000+ **PCS/MONTH**

Production capacity over 50,000 pcs per month

TIMELINE



R&D BASES



HEADQUARTER, R&D CENTER

Zhejiang University Science and Technology Park
China (Hangzhou)

1

HANGZHOU

Focus on
inverters and
storage battery

2

SHENZHEN

Focus on North
America Standard
inverters

3

SHANDONG

Focus on
Monitoring system:
SolaX Cloud



FACTORY

10,000 sqm and expanding , China (Tonglu, Hangzhou)

GLOBAL **SUB** HEADQUARTERS

about solax



Germany
(Frankfurt)



Netherlands
(Enschede)



United Kingdom
(Nuneaton)



Australia
(Melbourne)



America
(California)

| Sales & Support | Local Service Engineer | Repair Center & Warehouse | Local Service Hotline |



Part 2

QUALITY



KEY COMPONENTS

SOLAX
POWER

Diode



IGBT



Optocoupler

TOSHIBA

Operational
Amplifier



CPU



Electrolytic
capacitors



FAN



Current sensor

Panasonic

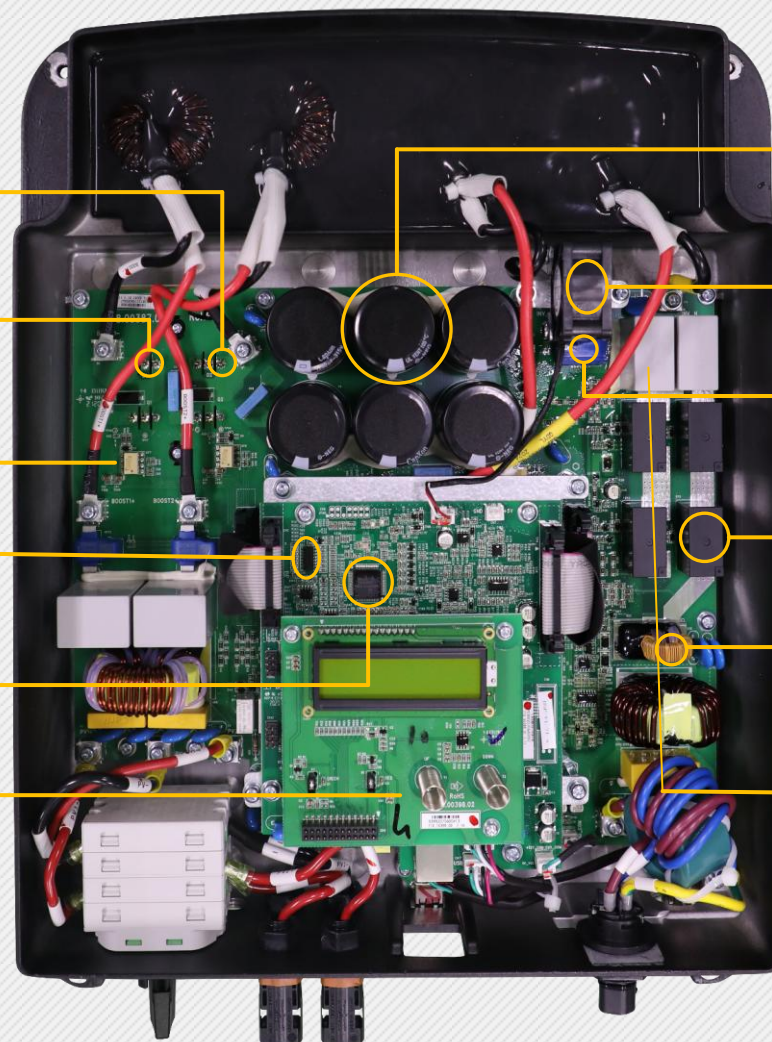
Relay



RCD



Thin-film
capacitor

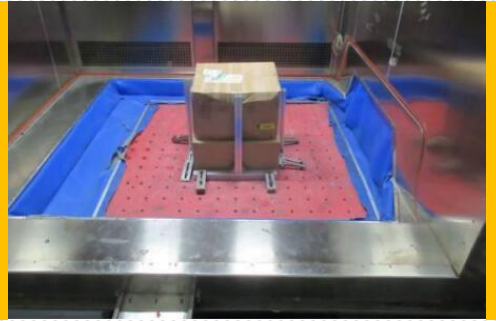


RELIABILITY TEST

A total of 12 reliability tests



Drop test



Transportation
Vibration Tests



Noise test



Highly Accelerated Life
Test (HALT)



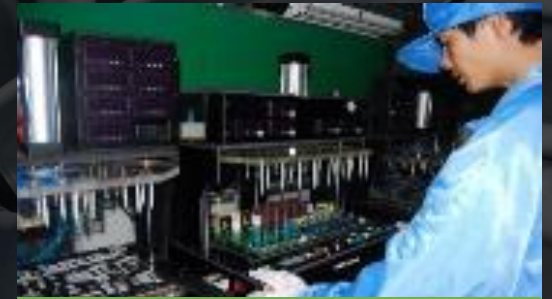
- High Low Temperature Cycle Test , range: -30°C to +70°C
- High-Temperature/High-Humidity Test (at 70°C/98% RH)
- Low Temperature Storage Test, down to -30°C

QUALITY MANAGEMENT

Solax Power guarantees that every single inverter must follow 6 rigorous steps to pass QC tests



1. AOI Test



2. Single Board Test



3. Safety Test



4. ATE Test



5. Aging Test

24 hours aging test



6. ATE Test

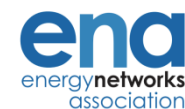


GLOBALLY CERTIFIED

Certificate Authority



Standards- Compliant



Part 3

SERVICE



ONE **STOP** SOLUTION

- All products are solely-developed and self-manufactured by SolaX, including hybrid inverters, storage batteries, BMS, and battery packs.
- From manufacturing to after-sales support, you can trust us for high-quality products and services.

GLOBAL **SERVICE** SUPPORT



Training Support

A dedicated technical experts provide professional trainings to

- Our Customers
- SolaX Power's Service staff
- Our global Service Providers

Webinar online training

On-Site training



After Sales Service Support

Hotline Support

- Assistance and technical support via phone or Email

Local Technical Support

- Local support engineers (AU, EU, UK,US)

Warranty

- 5 Years Standard Warranty with purchasable warranty extension up to 20 years



On-Site Service

Repair, and Maintenance

- On-Site service through SolaX Global Team
- Latest technical equipment and tools
- Short responding time, within 24h globally, and high flexibility
- Service and maintenance contracts available



Part 4

PORTFOLIO

A Leading Innovation Team

附件

2019 年度杭州市领军型创新创业团队立项计划表

序号	依托单位	团队名称
领军型创新团队		
一、西湖区		
1	蚂蚁金服（杭州）网络技术有限公司	金融级云原生操作系统研究创新团队
2	西湖大学	新型冠状病毒 S 蛋白与全长细胞受体 ACE2 的作用机制创新研究团队
3	迪安诊断技术集团股份有限公司	新型冠状病毒（2019-nCoV）核酸检测试剂盒（荧光 PCR 法）研发
二、滨江区		
4	杭州海康威视数字技术股份有限公司	工业互联网安全融合分析预警平台
5	阿里巴巴（中国）有限公司	面向大规模疾病防控和企业有序复工的的政企在线协同平台与“健康码”平台建设及应用
三、萧山区		
6	杭州一知智能科技有限公司	跨媒体文本及音视频数据高质量融合关键技术应用研究
四、余杭区		
7	贝达药业股份有限公司	新型非小细胞肺癌治疗药物研发创新团队
8	淘宝（中国）软件有限公司	新一代认知智能计算平台
五、桐庐县		
9	浙江艾罗网络能源技术有限公司	光储智慧能源系统

- SolaX "Smart Energy System Research and Innovation Team" is awarded the "2019 Leading Innovation Team" in Hangzhou, Zhejiang.
- The other teams on the list are : Ant Financial, Westlake University, Dian Diagnostics, Hikvision, Alibaba Group, Yiwise.ai, Betta Pharmaceuticals and Taobao.

SolaX Featured On BBC Royal Institution Lectures

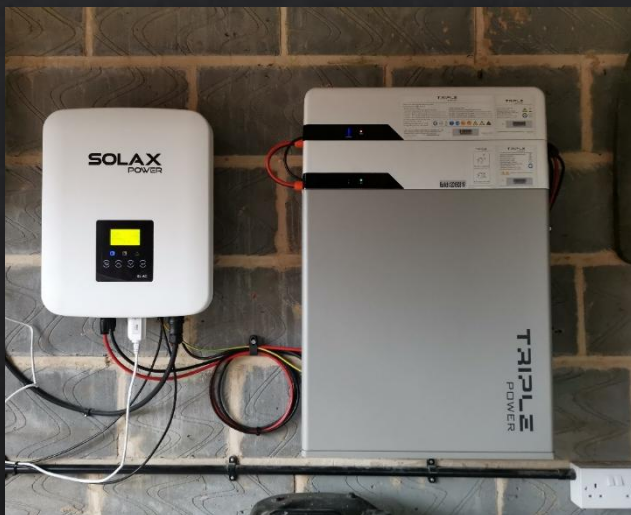


The 2016 BBC Royal Institution Christmas Lectures broadcast SolaX Energy Storage system , around 6 million families in the UK watched the video.



Former Australia Prime Minister(third one from left) visited SolaX's partner in Australia.





Former Energy Minister Charles Hendry and team at Smart Power Industries Alliance's first event



TOP BRAND PV INVERTER

EUPD Research

ITALY / AUSTRALIA

EuPD Research Sustainable Management GmbH release that:
SolaX Power is the awarded of Top Brand PV Italy & Australia
in 2019 and 2020.



Part 5

PRODUCT



PRODUCT ROADMAP

2014

Gen 2 X-Hybrid-LV Battery Ready
Single Phase Dual MPPT inverter
• X1-LX



2015

All-in-one X-Hybrid & lithium-ion batteries
• SolaX Box & LG 3.3kWh, 6.5kWh
Pocket Wifi 1.0, Pocket Lan 1.0



2013

Asian's first energy storage inverter
• Gen 1 X-Hybrid Inverter-LV (low voltage) Battery
Ready (3kW, 3.7kW, 5kW)



2010

Gen 1 Single Phase
String Inverter (1-5kW)



2011

Gen 1 Three Phase String Inverter
(10-36kW)



2016

Gen 3 X-Hybrid inverter
• X1 & X3 Hybrid HV series
Gen 2 Single Phase String Inverter
• X1 Mini 1.0
• X1 Air 1.0,
• X1 Boost 1.0



PRODUCT ROADMAP

2020 (1)

J1-ESS for Japan market



Gen2 Three Phase Commercial String Inverter

- X3 Max(20-30kW), X3 Mega(50-60kW)

2020 (2)



X-Hybrid G4 is coming

2019



Gen 2 Triple Power LFP HV Battery with 5.8kWh
A1-ESS for American market
Pocket Wifi plus 3.0

2017

AC couple Hybrid
Gen 2 Three Phase String Inverter

- X1 30kW/36kW, X3 Mic(4-10kW)

Gen 2 Solax Box
Pocket Wifi 2.0



2018



Gen 1 Triple Power HV Battery(4.5kWh,6.3kWh)
New Gen 2 Three Phase String Inverter

- X3 Pro(8-15kW)

Gen 3 Single Phase String Inverter

- X1 Mini 2.0,
- X1 Air 2.0
- X1 Boost 3.0

GRID TIED INVERTER



X1 Mini
0.7-2.0kW



X1 Air
2.5-3.3kW



X1 Boost
3.0-5.0 kW



X1 Smart
6.0-8.0 kW



X3 Mic
4-10kW



X3 Pro
8-15kW



X3 Max
20-30kW



X3 Mega
50/60kW

ENERGY STORAGE INVERTER HYBRID & AC COUPLED



X1-HYBRID HV
3.0-5.0 kW



X3-HYBRID HV
5.0-10 kW



X1- FIT
3.7-5.0 kW



X3-FIT
8.0kW/10.0 kW



X1-AC
3.0kW-5.0 kW

A1-SERIES INVERTER

North America Standard



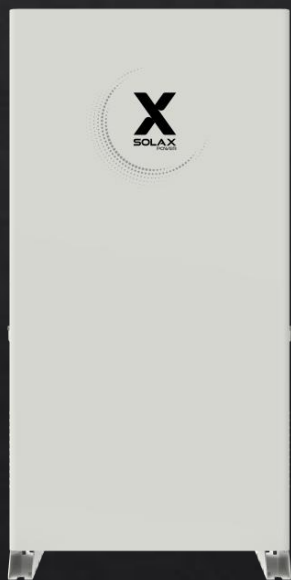
A1 Hybrid
6.0-8.6kW



A1 Fit
6.0-8.6kW

RESIDENTIAL STORAGE SOLUTION

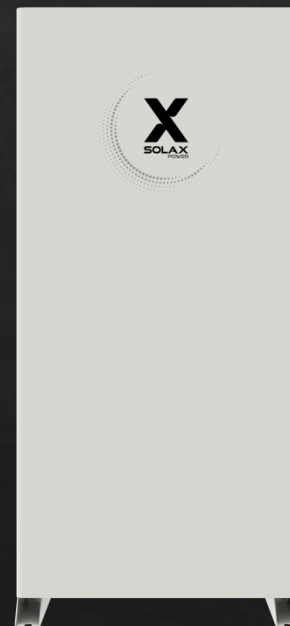
Japan Standard



J1 ESS-HB58

3.0kW Inverter

5.8kWh Battery



J1 ESS-HB115/173

5.9kW Inverter

11.5kWh/17.3kWh Battery

TRIPLE POWER BATTERY

High Voltage Lithium Battery



GEN 1
NCM 4.5/6.3 kWh



GEN 2
NCM 4.5/6.3 kWh



GEN 3
LFP 5.8 kWh

ACCESSORIES



Pocket Wi-Fi Plus

- Plug-play
- Wireless Remote monitoring
- For the full inverter range



Pocket 4G

- Plug-play
- Remote monitoring in 4G mode



Pocket LAN

- Fast respond and stable connection



Meter

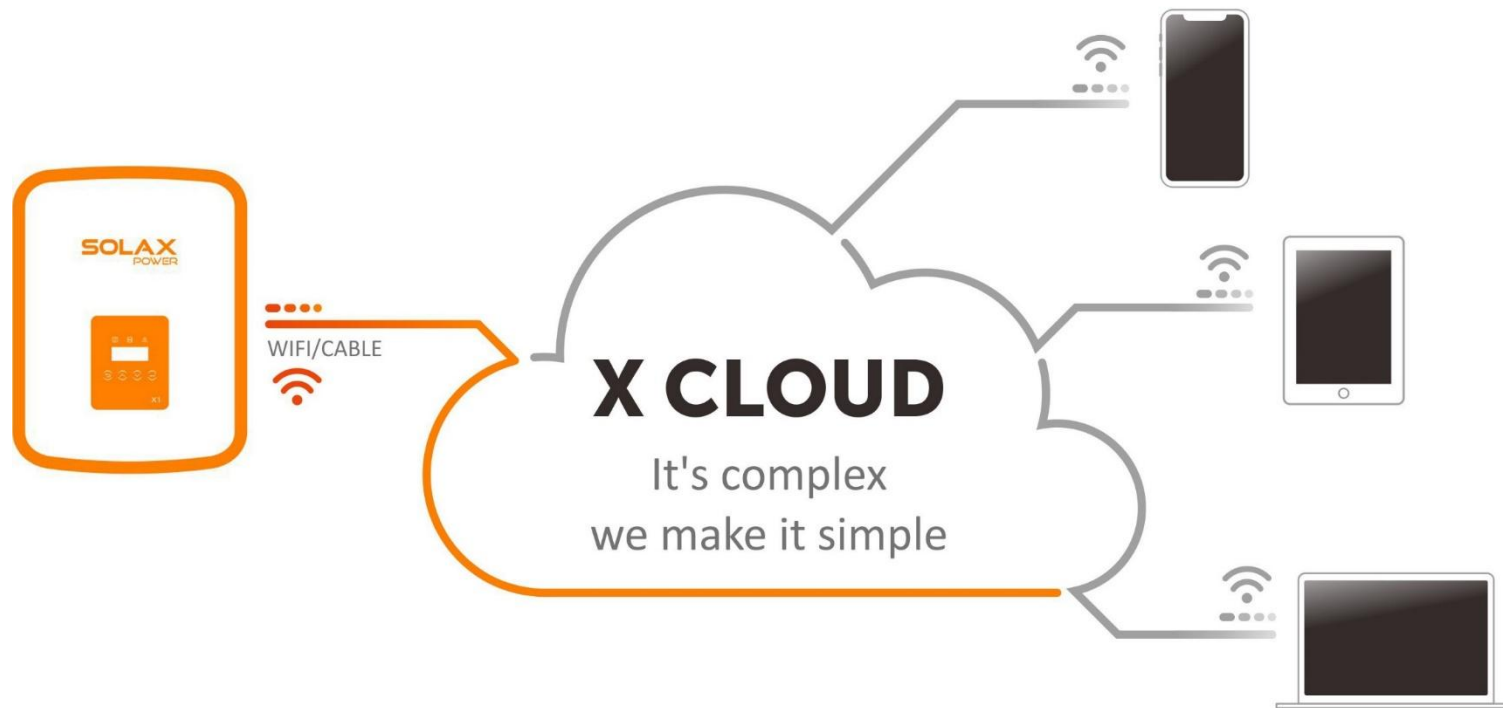
- Monitoring your home energy using
- Single phase: DDSU666
- Three phase: DT/SSU666
- Certifications: CE、SAA/RCM、MID、CPA

CLOUD MONITORING

solax product

www.solaxcloud.com

APP Download



CLOUD MONITORING

SOLAX
POWER



guest

Select Language ▾

Log Out

Overview

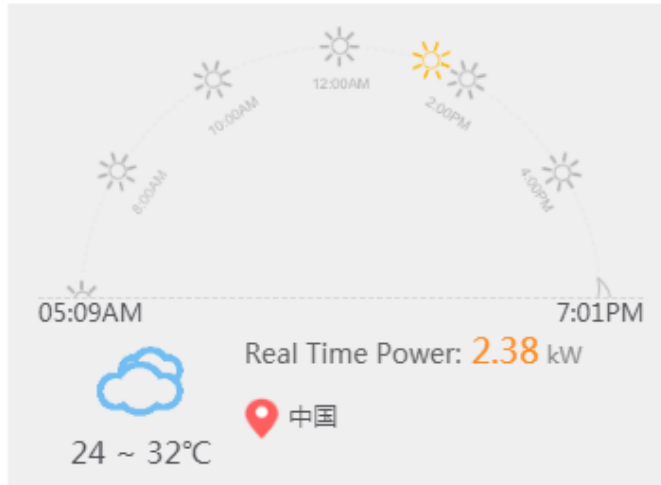
Sites

Inverters

Device Management

E-mail Push Settings

User Details



8.60 kWh
Today's Yield



210.20 kWh
Monthly Yield



2.50 MWh
Annual Yield



3.36 MWh
Total Yield

Statistics



Sites: 1

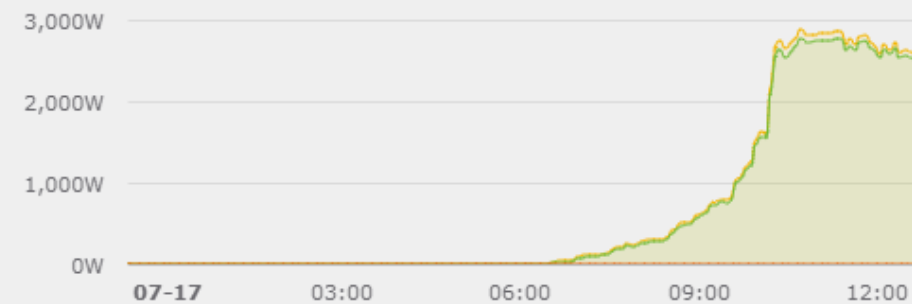


Total Inverters: 2



Online Inverters: 1

Power



PV Power

Power Now

Grid Power

Energy Diagram



Feed-in Energy
Yield: 8.60kWh



Consume Energy
Consume Energy: 0.00kWh

MONITORING APP

solax product



PROJECT



Water Surface 50MW “Fishing and Light Complementation”
PV Power Generation Project
in Anji

PROJECT



- 19.2MW BIPV distributed roof project of ChangShi Group
- The Largest Industrial BIPV Project in the World

PROJECT



23MW! The largest rooftop distributed photovoltaic parity grid project in Qingdao Special Steel Co., Ltd., China





Energy Storage System Project





Residential Solar System Project



GLOBAL PARTNERSHIPS

reference

RAYSTECH
Your Trusted Solar Partner

 **energy**
SYNTHESIS OF EFFICIENCY


Segen

TRADEZONE
Save time. Save money. **.com.au**


krannich
Solar

 **EDMUNDSON**
ELECTRICAL

SOLARJUICE

solarclarity 
GROUP

SOLEN
ENERGY GROUP

PROJECT
ZERO
one stop energy shop



REXEL

 **solarcentury**



Technische Unie 
A Sonepar Company

 **RAA**



THANK YOU

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