

www.suntech-power.com



Global Leading PV Manufacturer

Wuxi Suntech, founded in 2001, as a famous Photovoltaic manufacturer in the world, is devoted to the R&D and the production of crystalline silicon solar cells and modules for 21 years. The Company has its sales areas spread all over more than 100 countries and regions in the world, and the cumulative historical shipments exceeded 30 GW.

We aim to become the most trusted PV company through continuous innovation and excellent management.

Baggersee Maiwald
水上漂浮电站项目 德国



Stand the Test of Time

21 Years

Experience in manufacturing PV modules

Suntech has been devoted to the R&D and the production of crystalline silicon solar cells and modules for 21 years since 2001.

30 GW+

Global cumulative shipments of PV products

By the end of 2021, Suntech has supplied more than 30 GW of solar modules to global customers.

100+ Countries

Worldwide business footprint

Suntech has its sales covered more than 100 countries worldwide.

1500+

Global leading partners

Suntech has more than 1,500 industry-leading partners worldwide since 2001.

600+

Authorized patents

Suntech has more than 600 authorized patents with continuously investment in the R&D of new technologies.

Suntech Milestones

2001

Suntech was founded in Wuxi, China.

2002

Suntech initiated its first 10 MW production line with the capacity equivalent to China's total PV cell production in the previous 4 years.

2005

Suntech launched its initial public offering (IPO) on the New York Stock Exchange as the first China's solar company, making a turning point for Suntech's global strategy.

2006

Suntech acquired MSK Corporation, one of Japan's largest PV manufacturers and its production capacity expanded to 300 MW.

2008

Annual production capacity reached 1 GW. Suntech Photovoltaic Technology Research Institute established.

2011

Annual production capacity reached 2.4 GW, and shipped 2.1 GW modules worldwide, which made Suntech the biggest PV module supplier for two consecutive years.

2014

Shunfeng International Clean Energy Limited, a HKSE listed renewable energy investment / EPC company, announced to invest and acquire Wuxi Suntech Power Co., Ltd. It marked a new era for Suntech.

2018

Annual module shipment exceeded 3 GW. Top 10 global shipment ranking.

2019





Suntech's cumulative historical shipments exceeded 21 GW.

2020

Suntech's module capacity exceeded 10 GW+/year.

2021

Suntech completed 2GW digital TOPCon high-efficiency cell factory

-  Manufacturer bases
-  Branches
-  Business footprint
-  Headquarter

Global

Suntech's business footprint covers more than 100 countries around the world, with more than 1500 industry-leading partners.








Innovation Leading

Suntech values technological innovation and keeps investing in research and development (R&D), and owns more than 600 authorized patents.

Suntech owns a **National Level Testing Center** for photovoltaic products certified by CNAS, and is equipped with more than 100 advanced testing machines, which is leading in photovoltaic industry.



Awards:

-  From 2016 to 2021, Suntech awarded EuPD Research 'TOP BRAND PV SEAL'.
-  Suntech Recognized with Frost & Sullivan's 2016 APAC Renewable Energy Technology Growth Excellence Leadership Award.
-  World Economic Forum(WEF) recognized Suntech the most environmentally friendly company worldwide.
-  In 2011 and 2012, MIT Technology Review named Suntech one of the world's 50 most innovative companies.
-  In 2011, Suntech recognized Global Leader Award from Murphy & Spitz and Gigaton Prize.

From manufacturing to intelligent manufacturing



Automatic Manufacturing

The advanced automatic production line opened a new era for capacity, Suntech module factory can work for various advanced technology production requirements, and achieve the transition from manufacturing to intelligent manufacturing.

Real-time Interaction Systems

Suntech's SAP and ERP business platforms can achieve real-time interaction, planning, execution, reporting and analysis, which make them the most advanced business platforms and enable sustainable innovation.

The MES (manufacturing execution system) independently developed by Suntech supports efficient operation of production management and manufacturing process.

Digital smart factory

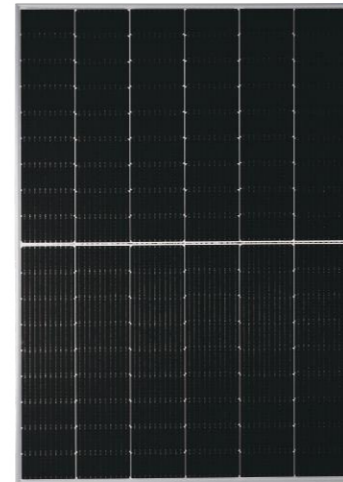
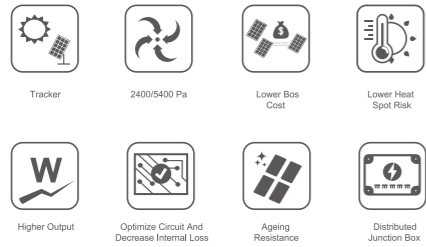
2GW digital TOPCon intelligent production line for M10 cells (182mm) as well as for M12 cells (210mm).The conversion efficiency of TOPCon cells is over 24.5%.



Suntech Products

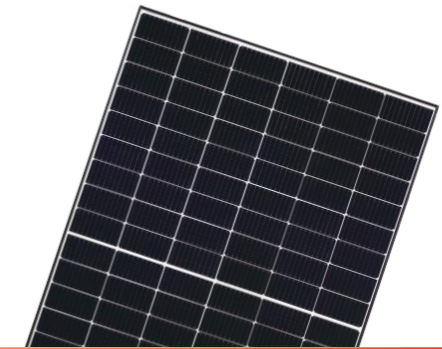
Ultra V series

Hardcore energy and reliable technology. 182 mm P-type mono PERC



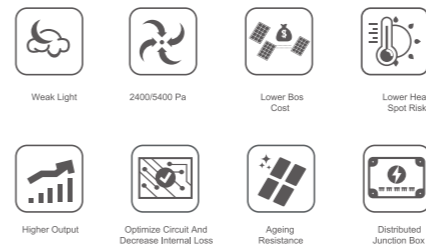
Ultra V Pro series

Higher Efficiency leading a new era. 182 mm N-type mono TOPCon



Ultra X series

Superb output and performance. 210 mm P-type mono PERC



Suntech

Trustworthy Quality

Guaranteed Quality:

- 52 steps quality control and inspection process
- 12-year product warranty, 25-year performance warranty (30-year for double glass products)

Rigorous Control:

- Advanced MES system, adequate SPC and AI
- FQC 100% appearance inspection, OBA appearance spot inspection, OQC delivery inspection

Management System:

- Certification of ISO9001 quality system, ISO14001 environmental management system, ISO45001 occupational health and safety management system, SA8000 social responsibility standards, IEC TS 62941 standard system

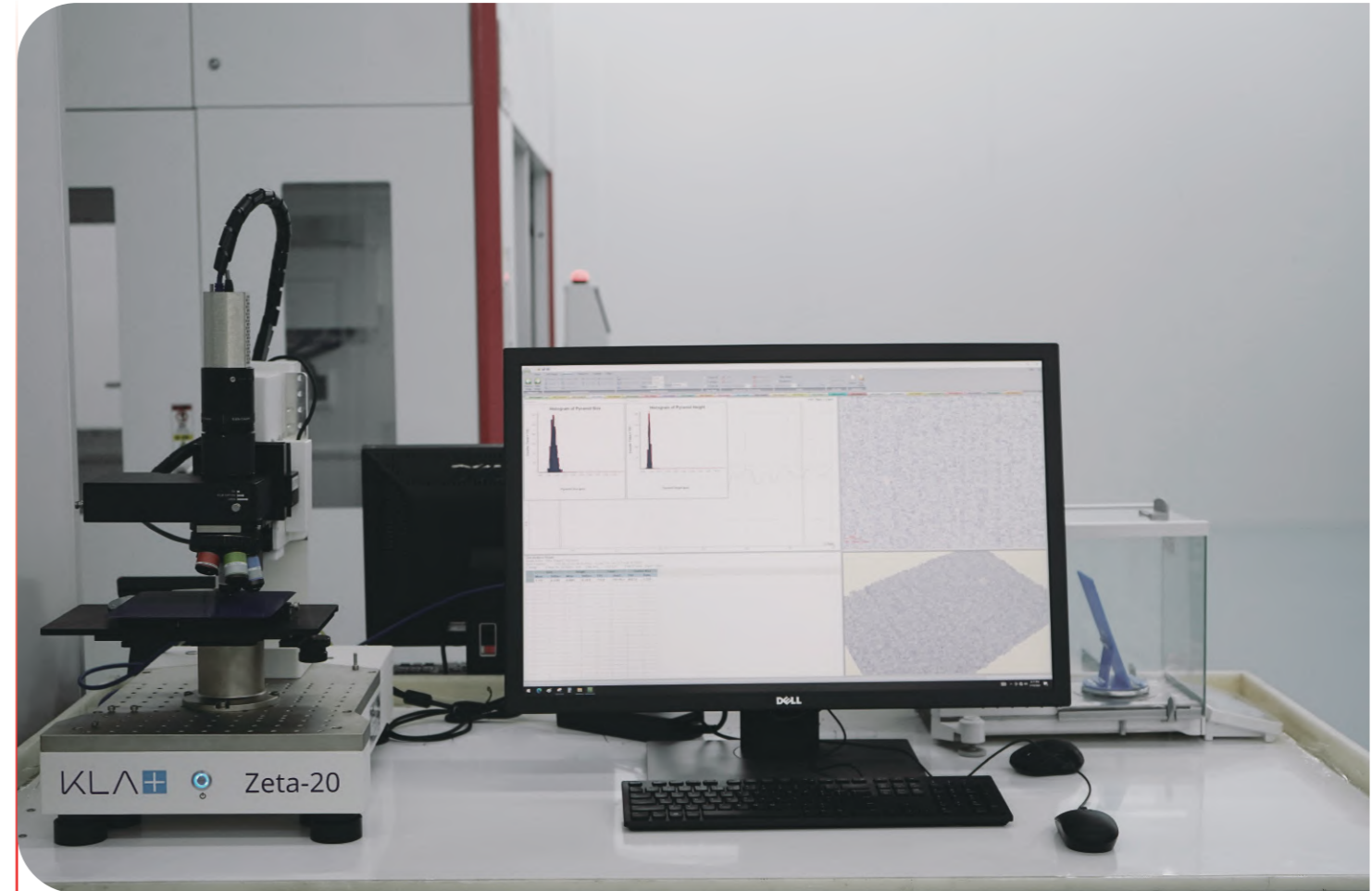


Excellent Reliability

Suntech is fully certified by professional third party testing organizations.



Suntech is ranked as Top Performer for a 4th year in the 2020 PV Module Reliability Scorecard, published by PVEL in partnership with DNV·GL.



Solid Financial Strength

5A Rating by
dun & bradstreet

Superior Bankability

- Suntech ranks Tier 1 by Bloomberg.
- Suntech has been ranked one of the world's most bankable PV module brands according to the Bloomberg New Energy Finance (BNEF) "PV Module Bankability Report".
- Black&Veatch validated Suntech bankability in a 2016 study.
- Munich Re granted Suntech warranty back up insurance after extreme vetting.



Projects

Solar power plants



Duurkenakker Solar Power Plant

Netherlands

64 MW

Bejulo Solar Power Plant

Germany

58.3 MW



Nuñez de Balboa Solar Power Plant

Spain

500 MW (Suntech supplied 100 MW)



Shell Moerdijk Solar Power Plant

Netherlands

26.6 MW

Setta Solar Power Plant

Brazil

1.5 MW



Yemen Pumping and Irrigation Solar System

Yemen

10 MW



Agadyr Solar Power Plant

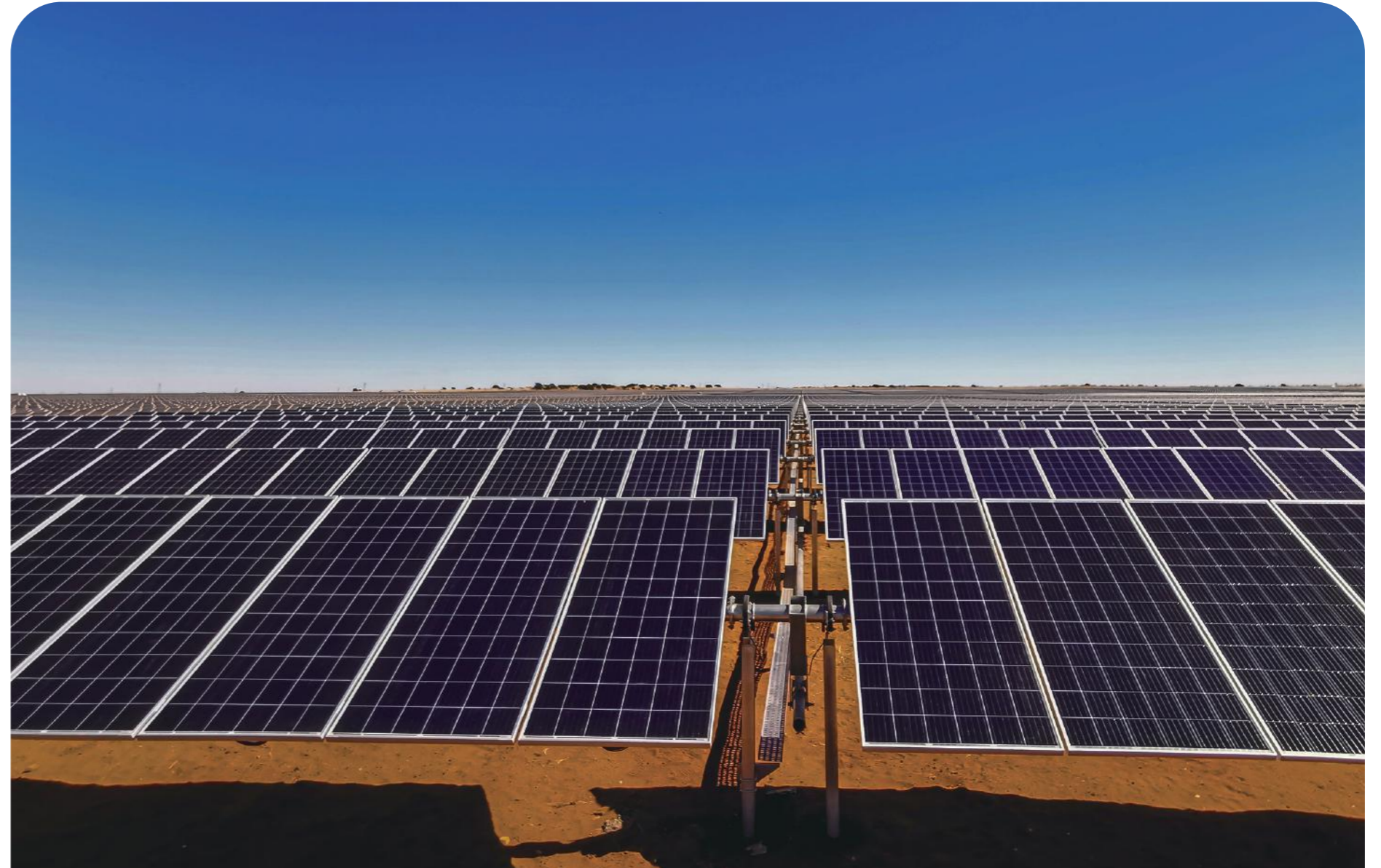
Kazakhstan

50 MW

Kimberly Droogfontein Solar Power Plant

South Africa

250 MW



Enlight Kramim Solar Power Plant

Israel

18 MW



Pavagada Solar Power Plant

India

210 MW

Tamil Nadu Solar Power Plant

India

222.5 MW



York Power Plant

Britain

34.7 MW

Projects

Distributed projects



Beijing Bird's Nest Stadium BIPV Project

China

130 KW



San Francisco International Airport Terminal 3
Rooftop Project

USA

450 KW



Sydney Opera House Rooftop Project

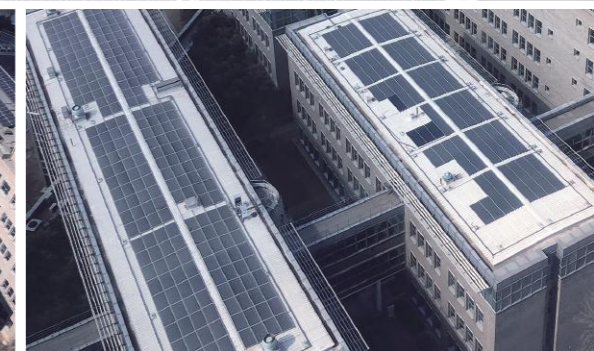
Australia

384 KW

SIEMENS Asia-Pacific Headquarter's Rooftop Project

China

308 KW





Genk Municipal Rooftop Project

Belgium

239.4 KW

Stand the Test of Time.
