

The logo for EINNOVA SOLARLINE. The word "EINNOVA" is written in a bold, red, sans-serif font. Below it, the word "SOLARLINE" is written in a smaller, red, sans-serif font.

EINNOVA
SOLARLINE

Company Profile

www.einnova-solarline.com



01. Company
Introduction

02. Solar
Module

03. Project
Reference

■ contents.



Part One

Company Introduction

Company Profile

Company Introduction

Solar Module

Project Reference

- Group company China Jiangsu International Group founded in 1980;
- Einnova Solarline set up in 2008;
- Dedicated to solar module manufacturing and R&D;
- Top 20 Solar Module Manufacturer in China;
- Products used in more than 50 countries;
- Accumulated installation more than 9GW;
- 2GW production capacity;
- Four factories, state-of-the-art full automatic production lines.



Global Presence

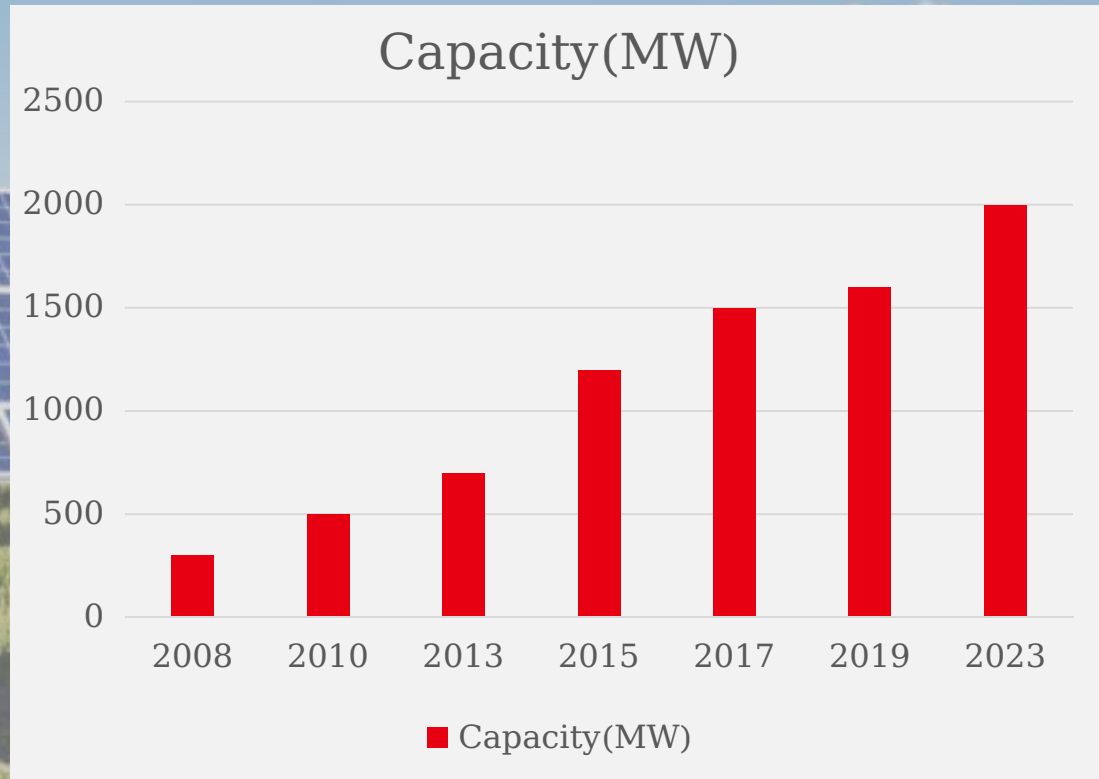
Company Introduction

Solar Module

Project Reference



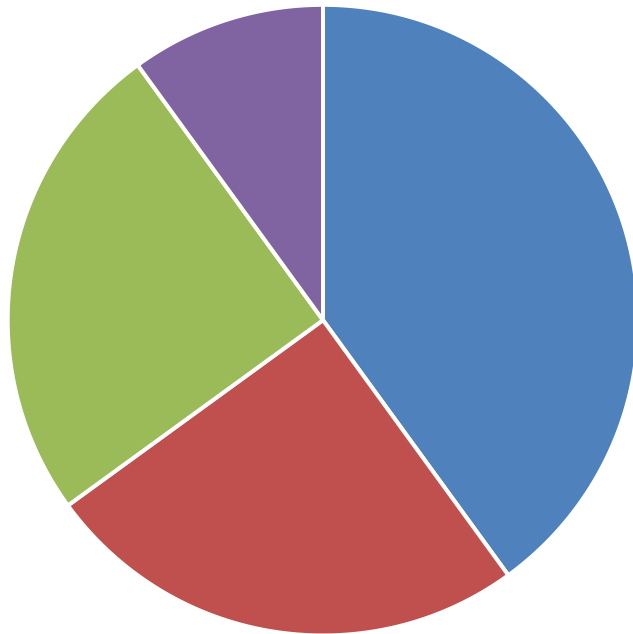
Production Capacity



- 2008: 300MW
- 2010: 500MW
- 2013: 700MW
- 2015: 1200MW
- 2017: 1500MW
- 2019: 1600MW
- 2023: 2000MW

LOREM IPSUM DOLOR LOREM

Capacity (MW)



■ HEFEI, ANHUI ■ TIANCHANG, ANHUI ■ TAIWAN ■ WUXI, JIANGSU

- HEFEI, ANHUI: 800MW, 500MW for standard solar panels from 400w-700w; 300MW for customized products and small solar panels from 5w-200w.
- TIANCHANG, ANHUI: 500MW for standard solar panels from 400w-700w.
- TAIWAN: 500MW for both standard and customized solar panels.
- WUXI, JIANGSU: 200MW for customized products and small panels from 5w-200w.

Supplier Chain Partner

Company Introduction

Solar Module

Project Reference

Solar Cell



JASOLAR

EVA



Back Sheet



CYBRID



Glass



Supplier Chain Partner

Company Introduction

Solar Module

Project Reference

Junction Box



JMTWY

Silicon Gel



Frame



苏州森通光伏有限公司
Suzhou Sentong Photovoltaic Co., Ltd.



Ribbon



Flux



Worldwide Client-Europe

AEG

AXITEC

krannich
global solar distribution

GWL

Beem

Kärkkäinen
se edullisen ostamisen tavaratalo

GREENHVAC

plaan

SUNTECH ENERGY
Gedreven tot perfectie

SUOMITRADING.fi
MENESTYVÄN KAUPPIAAN VERKKOTUUKKUKALUPPA

Beghelli

BCC

CRANE
RENEWABLE ENERGY

Energikonsulterna i Östergötland AB

RALOS

EL SOL

Anäbytkär

MANO SAULÉ

meco

PPAM
SOLKRAFT

PV ENERGY

Worldwide Client-Asia



Worldwide Client-America

Company Introduction

Solar Module

Project Reference

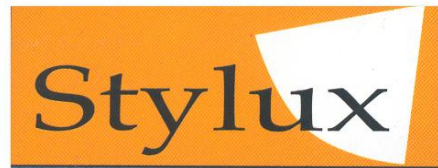


Worldwide Client-Africa

Company Introduction

Solar Module

Project Reference

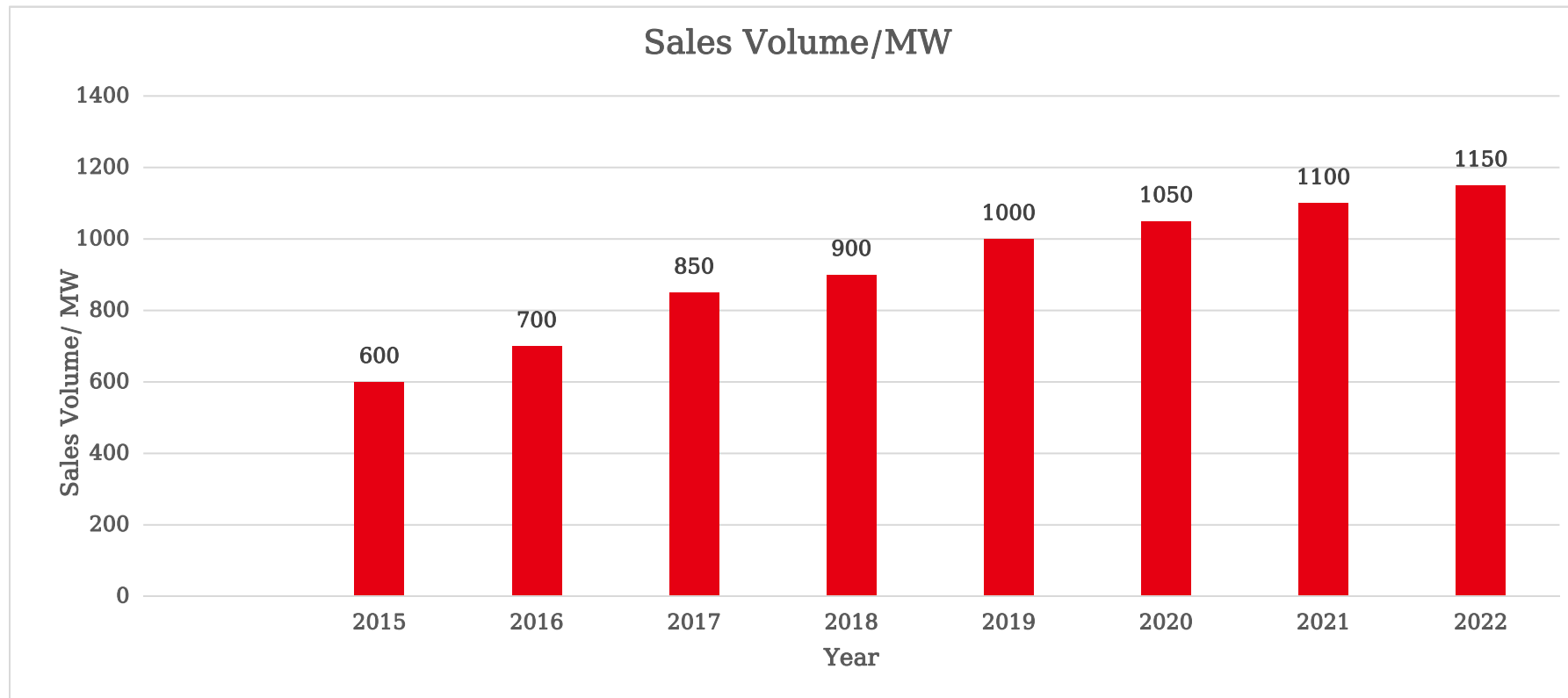


PROMELEC SARL



Sales Volume

Cumulative sales volume more than 9GW globally.



- ◆ 1. Flexible on order quantity & items;
- ◆ 2. OEM & ODM service;
- ◆ 3. Competitive cost structure;
- ◆ 4. Closely keep up with the technology development of the industry;
- ◆ 5. Quick decision-making company structure;
- ◆ 6. Custom and timely service for clients.

EINNOVA
SOLARLINE



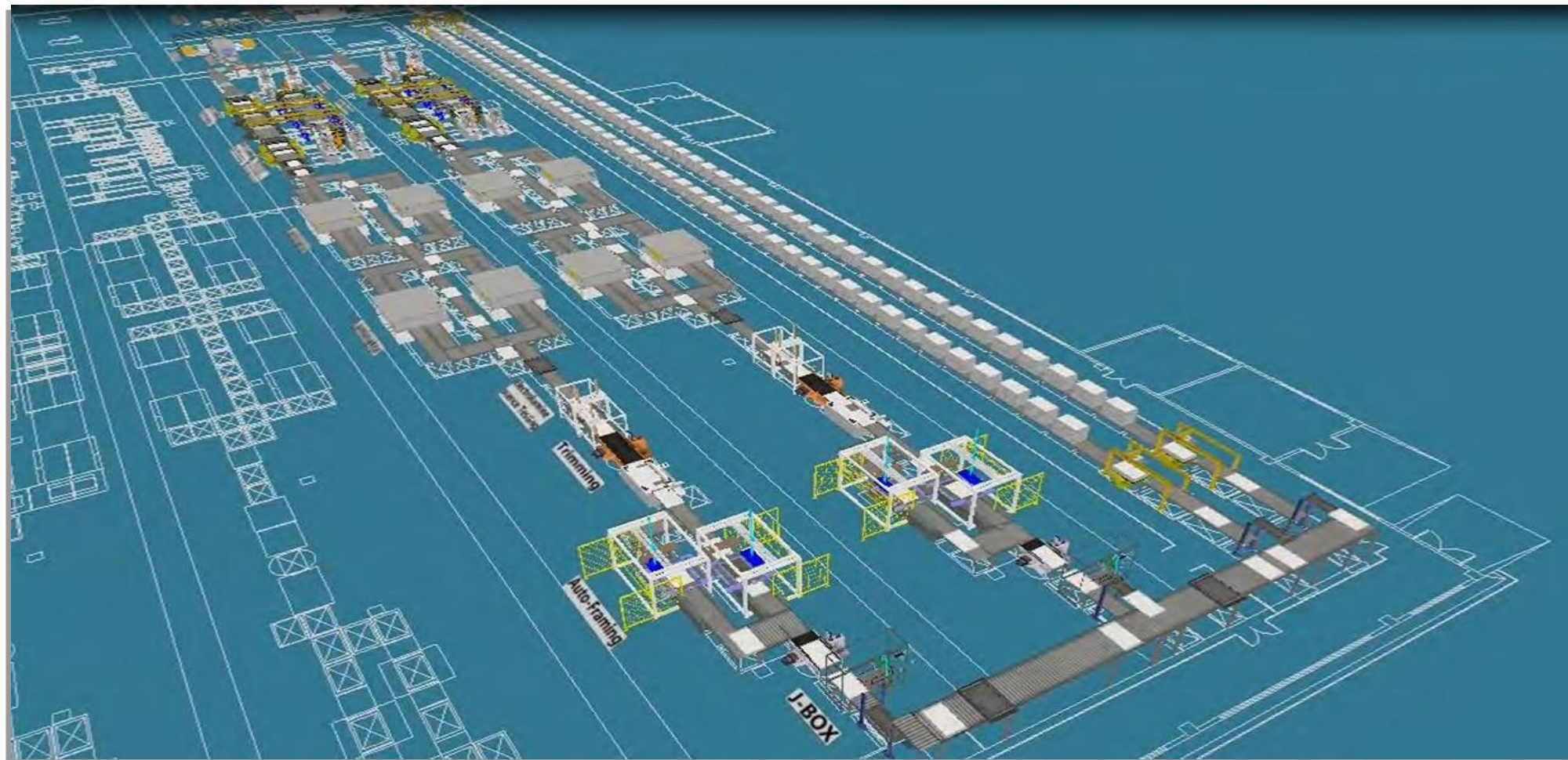
Part Two
Solar Module

State of the Art Production Line

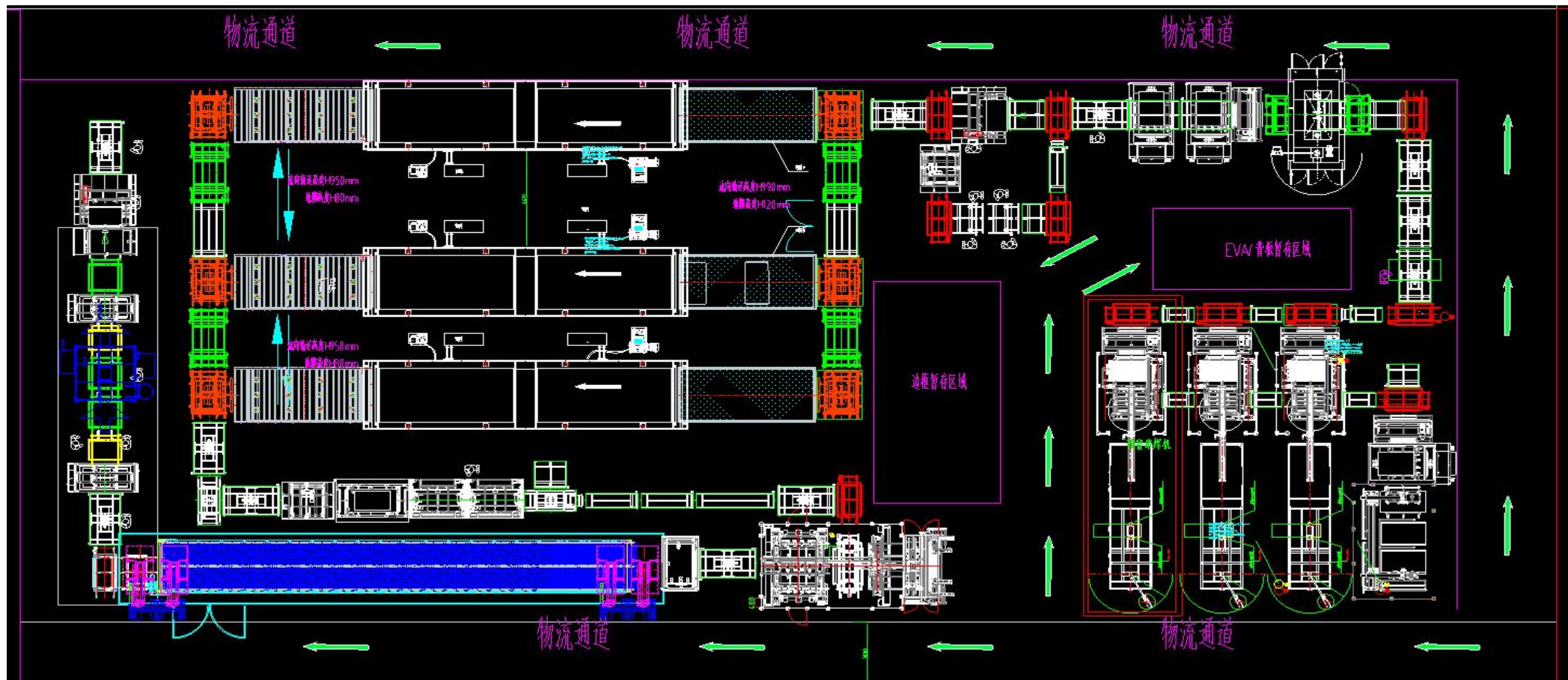
Company Introduction

Solar Module

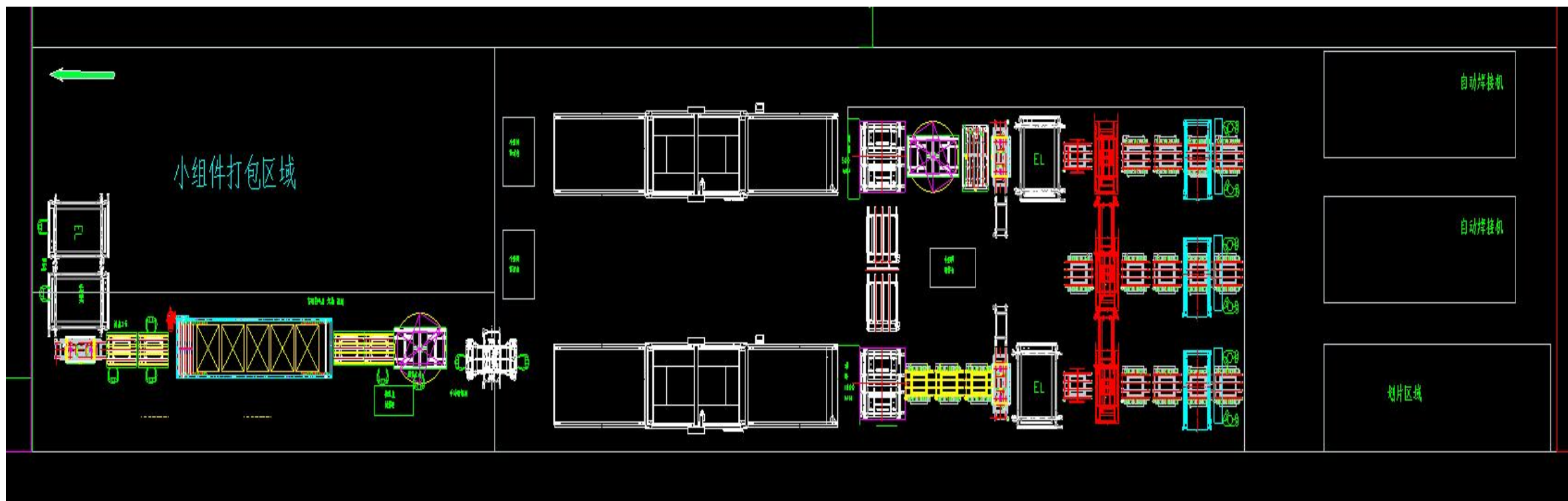
Project Reference



State of the Art Production Line



State of the Art Production Line

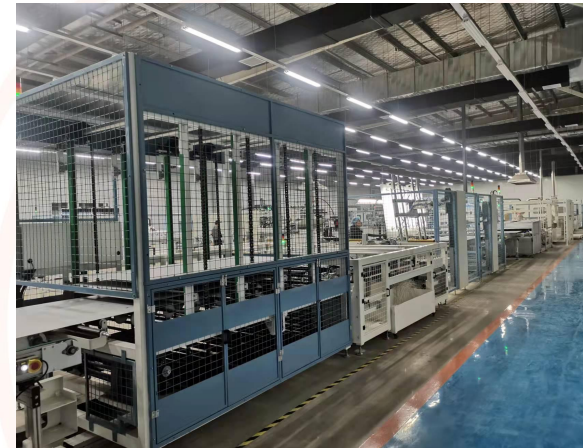
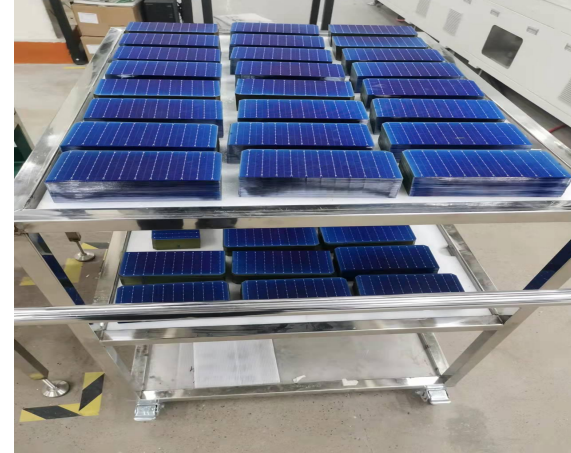


State of The Art Production Line

Company Introduction

Solar Module

Project Reference



State of The Art Production Line

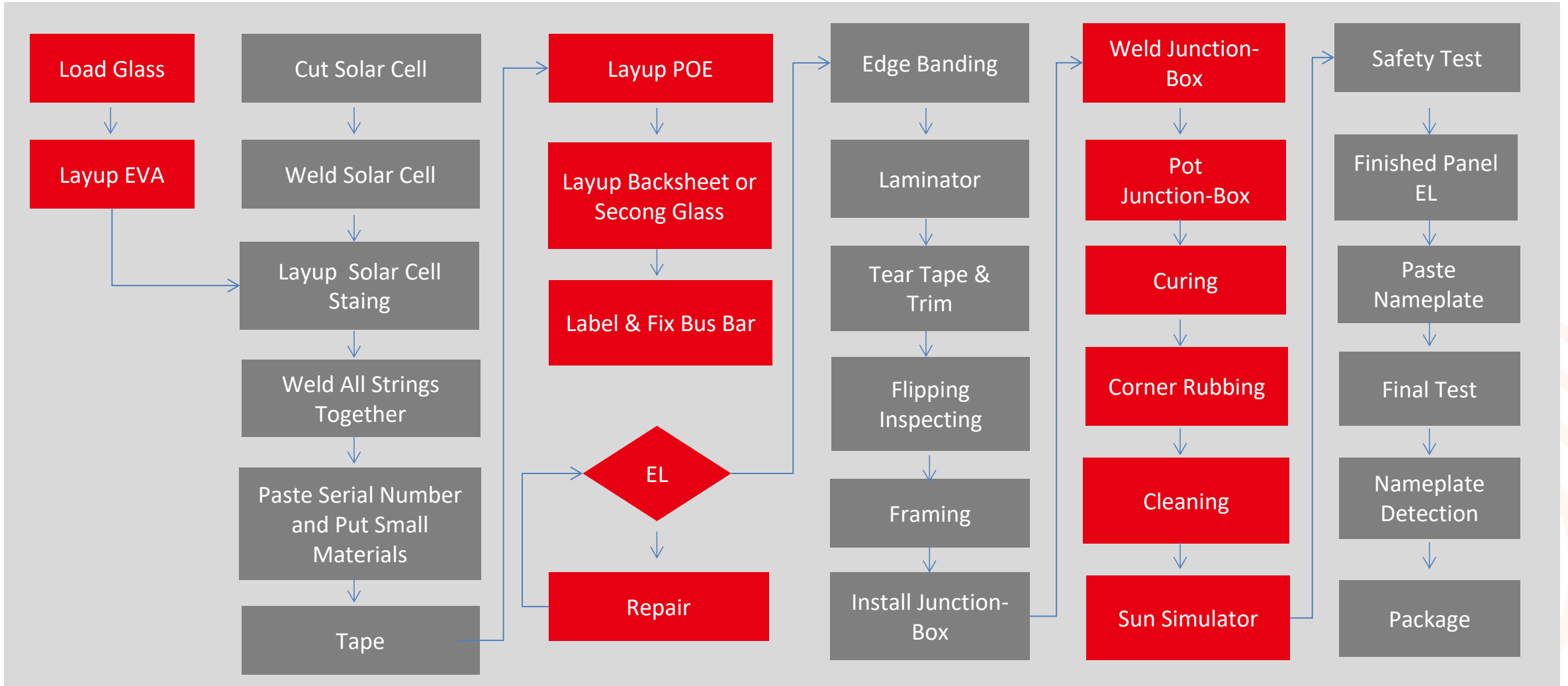
Company Introduction

Solar Module

Project Reference



Production Process Chart

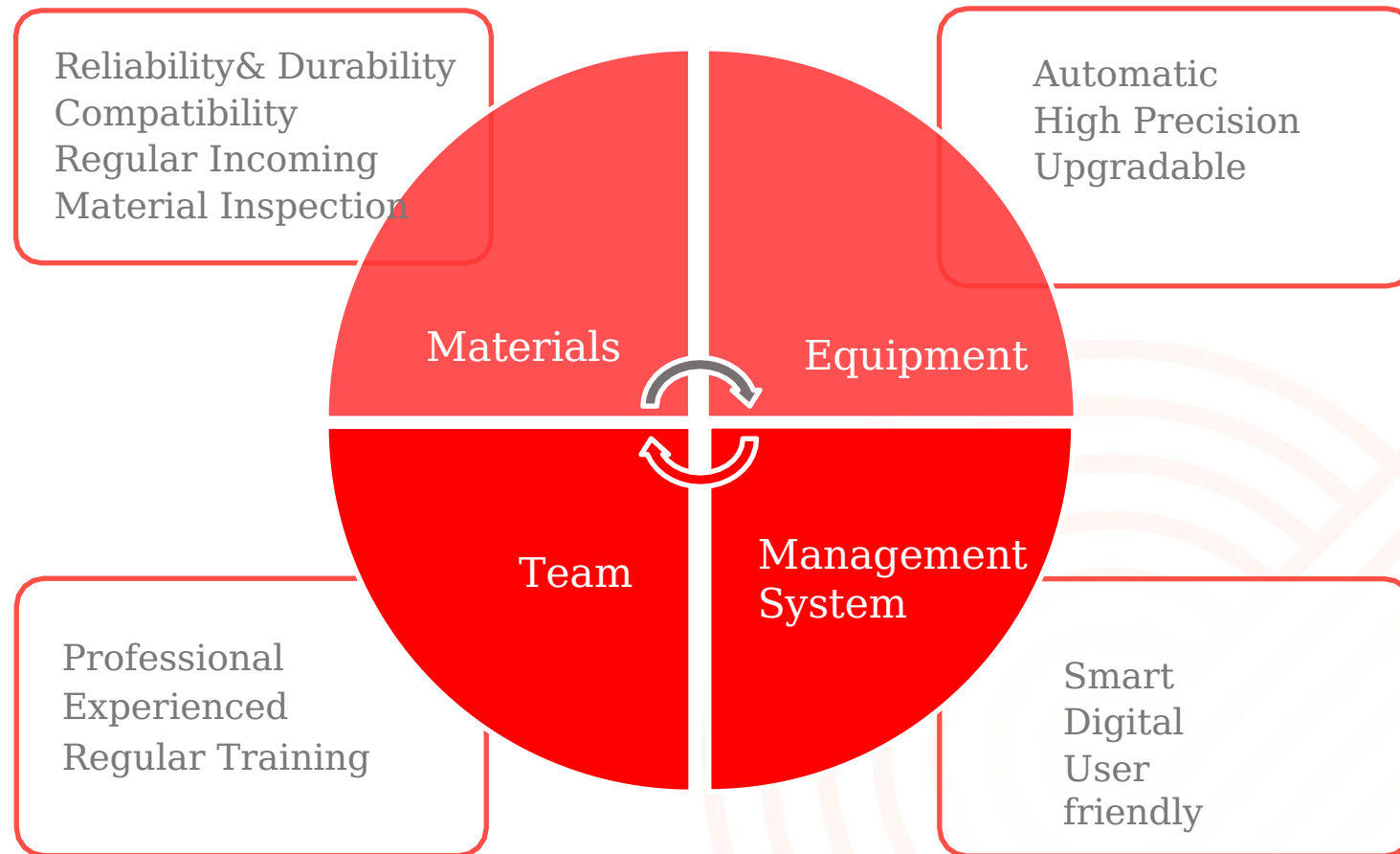


Systematic Quality Control

Company Introduction

Solar Module

Project Reference





Chemical Analysis



UV Aging Test



Thermal-Cycle Test

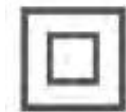
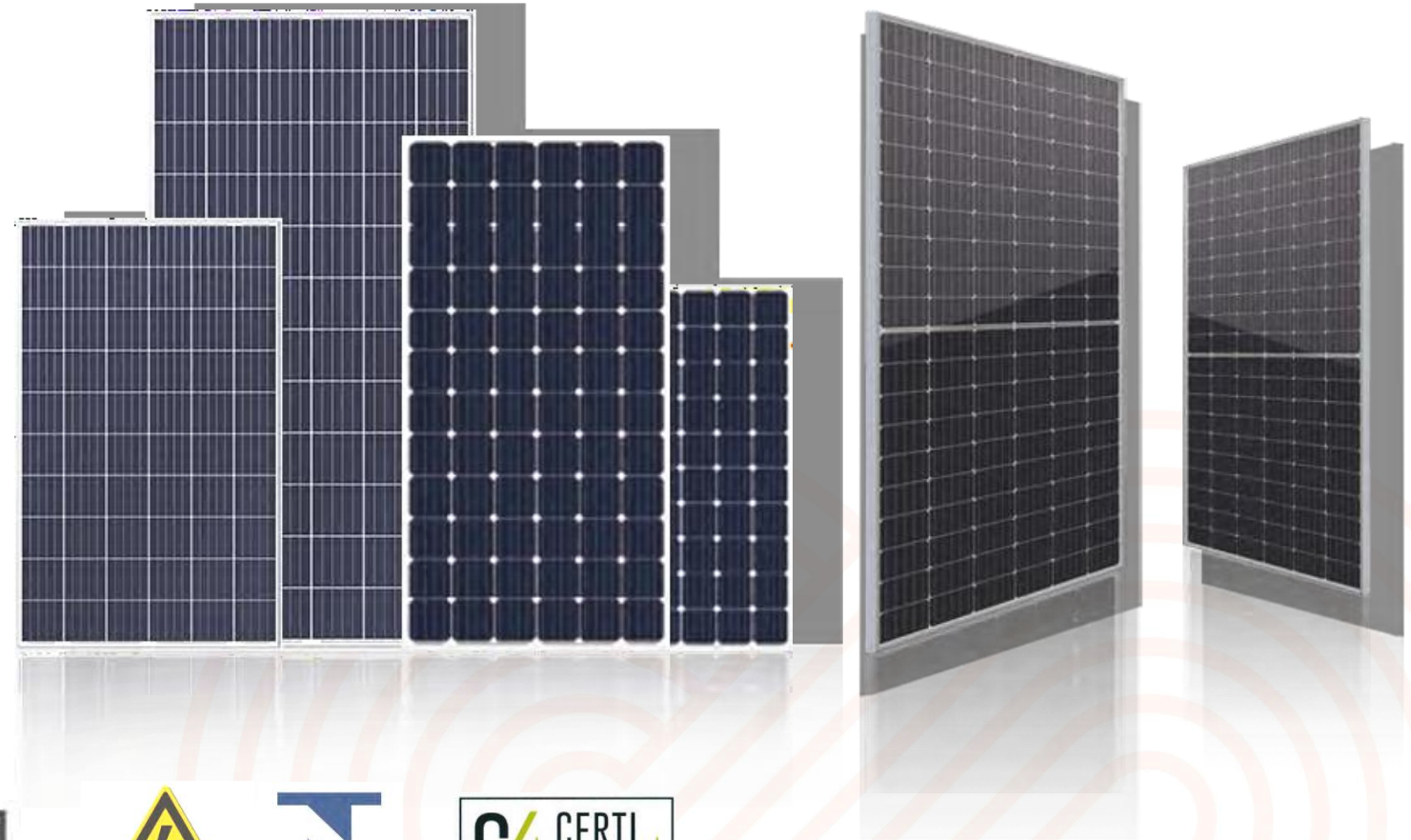
Module Features

Company Introduction

Solar Module

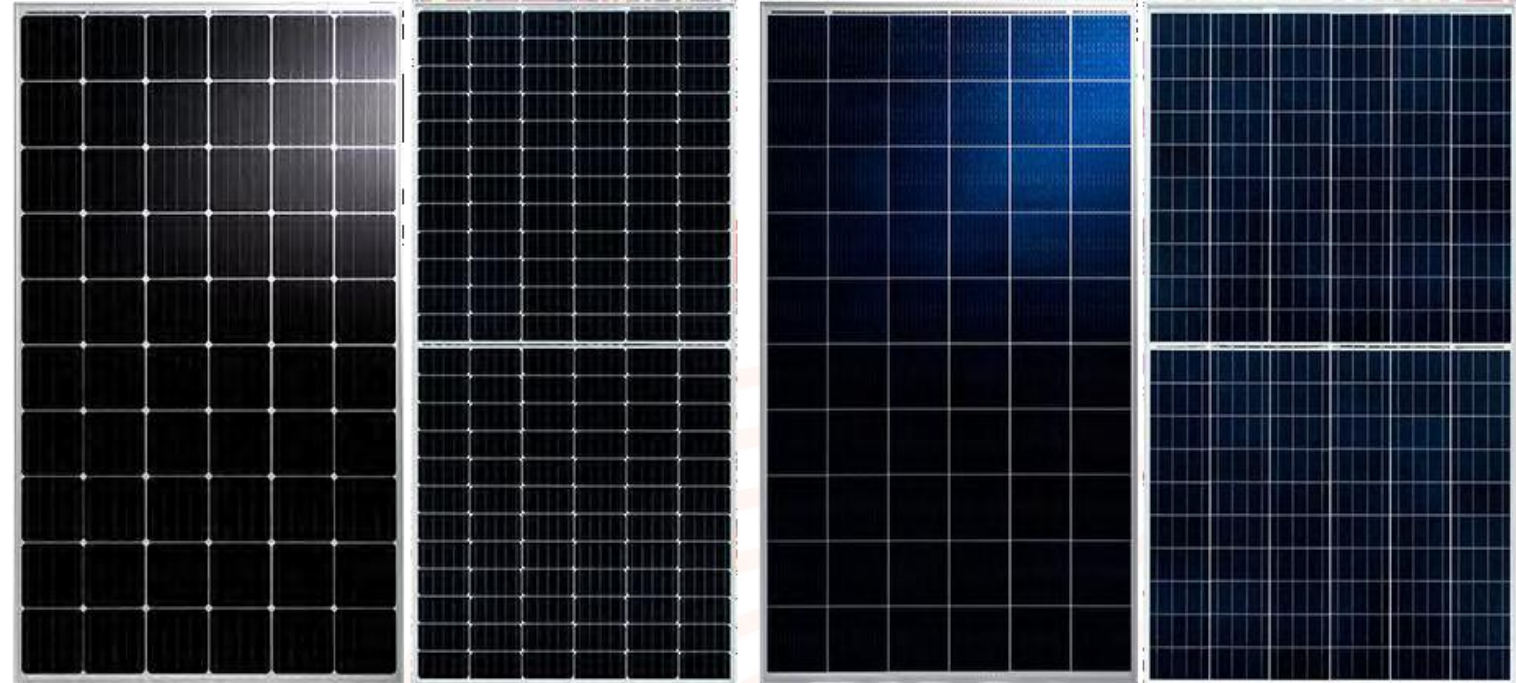
Project Reference

- High efficiency and power density;
- Excellent performance in weak light;
- Strong mechanical strength;
- PID free;
- Withstanding harsh environment;
- Better shading tolerance;
- Positive power tolerance up to +5w;
- 30 years warranty;
- IEC, TUV, CEz, RETIE, INMETRE certified.



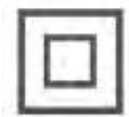
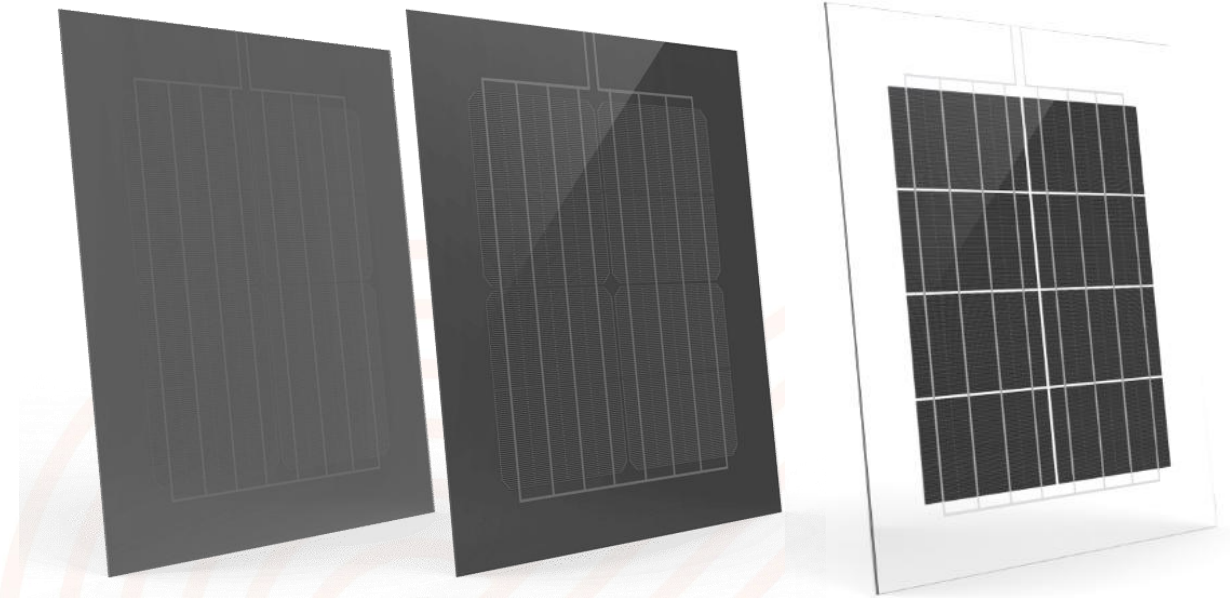
Standard Products

- Mono, Poly
- PERC
- TOPCon N type
- Full Cell
- Half Cut
- White, black, transparent
- Mono-facial and Bi-facial
- Dual glass



All our modules could come in different styles, with possibility to adjust design of:

- Size and shape
- Color of glass, solar cells, transparency
- Cell arrangement, gap differentiation
- Thickness and weight
- Efficiency, Junction Box
- Busbar coverage
- Adapt to various mounting
- Other variations on demand



ZERTIFIKAT ◆ CERTIFICATE ◆ 認證證書 ◆ CERTIFICADO ◆ CERTIFICAT




CERTIFICATE

No. Z2 108801 0001 Rev. 01

Holder of Certificate: Einnova Solarline Energy Corp. Limited (Nanjing)
Room 818, Building 1, No. 58, Yunjin Road, Jianye District
210000 Nanjing City, Jiangsu Province
PEOPLE'S REPUBLIC OF CHINA

Certification Mark: 

Product: Crystalline Silicon Terrestrial Photovoltaic (PV) Modules
Mono & Poly Crystalline Silicon Photovoltaic Module

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition, the certification holder must not transfer the certificate to third parties. This certificate is valid until the listed date, unless it is cancelled earlier. All applicable requirements of the testing and certification regulations of TUV SUD Group have to be complied. For details see: www.tuv-sud.com/jps-cert

Test report no.: 701262007701-01
Valid until: 2025-05-27

Date: 2021-05-15

(Zhuolin Zhang)

Page 1 of 2
TUV SUD Product Service GmbH • Certification Body • Rüdigerstraße 65 • 80339 Munich • Germany

Certificate n° CSVO-9XAH-Y67L-B956-2B56-E0CL



GLOBAL MEMBERSHIP

2021

www.pvcycle.org

PV CYCLE a.i.s.b.l.
hereby declares that based on current commitments

EINNOVA SOLARLINE ENERGY CORP. LIMITED (NANJING)

(Business registration nr.: 91320105062625970K)

- 1) benefits from collection and treatment services* for discarded PV panels and solar energy equipment
- 2) adheres to the high principle of PV CYCLE's PV waste management program
- 3) advocates and supports the development of sustainable PV waste management on a global scale
- 4) contributes to sustainable PV waste management by informing customers about legal developments and requirements

This certificate is valid until 31/12/2021 around the globe excluding the European Union Member States, UK, the EFTA countries and any other countries or regions where Extended Producer Responsibility legislation is in place.

Brussels, 01/01/2021

Jan Clyncke
Managing Director

*This membership does not cover the financing of collection, recycling and treatment of discarded PV panels and solar energy equipment. Details can be found in the signed terms and conditions.
The validity of this certificate can only be confirmed on <https://portal.pvcycle.org/en-US/Verify/MemberCertificate>
PV CYCLE a.i.s.b.l. is registered in Brussels, Belgium with BE 0893.027.827.




Certificado N°0069

CERTIFICADO DE CONFORMIDAD DE PRODUCTO

ESQUEMA 5

Certicheck S.A.S. otorga el presente certificado de conformidad de producto a:

EINNOVA SOLARLINE ENERGY CORP. LIMITED (NANJING)
NIT 91320105062625970K
Room 818, building 1, No 58, Yunjin road, Jianye District,
Nanjing, Jiangsu, China

Para el producto:
Paneles Solares Fotovoltaicos

El cual satisface los requisitos del referente normativo:

Numeral 20.22 de la Resolución 90708 del 30 de agosto de 2013 y adendas modificatorias del Reglamento Técnico de Instalaciones Eléctricas - RETIE (Colombia)

Fecha de certificación inicial: 2022/07/13

Fecha de siguiente seguimiento: 2023/07/13

Fecha de última modificación:

Fecha de vencimiento del certificado: 2025/07/12

La información completa de características e identificación del producto se encuentran en las hojas anexas a este documento, las cuales son parte integral del mismo. Este documento consta de 3 páginas. La vigencia y validez de este certificado depende del cumplimiento de lo estipulado en el RC-CR-001 Reglamento de certificación de productos, de CERTICHECK





Director General

ISO/IEC 17065:2012
19-CPR-001

www.CERTICHECK.COM.CO

Circular 4 # 72 - 19, 050031, Medellín, Colombia
Teléfono: +57 300 6202817



Page 1 of 16 Report No.: 210802299SHA-001
Test Report
Relatório de testes em laboratório

Performance Measurement at STC of Photovoltaic(PV) Modules
Medição do desempenho de módulos Fotovoltaicos em condições padrão (STC)

Report No. / Relatório Nº.: 210802160SHA-001
 Date of issue / Data de questão: 09/08/2021
 Client / Manufacturer / Cliente / Fabricante: Einnova Solarline Energy Corp. Limited (Nanjing)
 Room 818, Building 1, No. 58, Yunjin Road, Jianye District, Nanjing, China
 Brand / Marca: Einnova Solarline
 Product / Produto a ensaiar: Photovoltaic (PV) Module(s)
 Module Model / Modelo de módulo: ESM-550S
 Date of receipt / Data de recepção: 08/23/2021
 Testing Location / Local dos ensaio: Intertek Testing Services Ltd. Zhejiang Building 2, Juanhu Science and Technology Innovation Park, No.500, Shuiyuejing East Road, Haining, Zhejiang, China
 Test Specification / Ensaio realizados: 10.1, 10.2, 10.3, 10.15 of IEC 61215:2005
 Crystalline silicon terrestrial photovoltaic (PV) modules – Design qualification and type approval
 Prepared by: / Realizado por: Zack Zhou
 Reviewed by: / Revisado por: Clark Yang
 Certification Engineer / Reviewer: Eddie Shang
 PV Division / PV Division

INGER CERTIFICATION ASSESSMENT SERVICES

QUALITY MANAGEMENT SYSTEM CERTIFICATE

Certification No. 117 22 QU 0119-01 R0S

This is to certify that **EINNOVA SOLARLINE ENERGY CORP. LIMITED (NANJING)**

Unified social credit code 91320105062625970K

Registered Address Room 818, Building 1, No. 58, Yunjin Road, Jianye District, Nanjing, Jiangsu Province, China
 Business Address Room A, 10/F, Chunfeng Building, No. 37, Huaqiao Road, Gulou District, Nanjing, Jiangsu Province, China

has been assessed and registered as meeting the requirements of **GB/T19001-2016/ISO9001:2015**

Scope of approval Research& Development, Sales and Manufacture of Solar Modules

First Certification: 24 Jan. 2022
 Expiry Date: 23 Jan. 2025

Signed by:

Shanghai Inger Certification Assessment Co.,Ltd.
 Certification and Accreditation Administration of PRC(CNCA-R-2003-117)
 Tel: 400-182-9001+86 21-61141700
 Web: www.icas.org.cn
 Add: Room 801 HuaDing Mansion, 23698 West Zhongshan Rd., Xuhui District, Shanghai, China, 200235

The ownership of the certificate belongs to Shanghai Inger Certification Assessment Co., Ltd. The information & validation of this certificate can be checked on the CNCA website: WWW.CNCA.GOV.CN and ICAS website, or by calling ICAS's clients services Dept. The certificate is only valid when used together with related permits when appropriate. If the organization can't effectively maintain the above management system, ICAS has the right to withdraw the qualification certificate.

Certificate of Compliance

Certificate Number: ZTL-2020122202C

Applicant Address: EINNOVA SOLARLINE ENERGY CORP. LIMITED
 ROOM 818, BUILDING 1, NO.58, YUNJIN ROAD, JIANYE DISTRICT, NANJING, CHINA

Manufacturer Address: EINNOVA SOLARLINE ENERGY CORP. LIMITED
 West of Jingqi Road, South of Weiyi road, Tianchang City, Anhui Province, China

Product: SOLAR MODULE

Trademark: Einnova Solarline

Model No.: ESM310
 ESM XXX, ESP XXX, ESM XXXH, ESP XXXH, ESM XXX-BDG, ESP XXX-BDG, ESM XXX-BDGH, ESP XXX-BDGH, ESM-XXXXS, ESP-XXXXS, ESM XXXBIPV, ESP XXXBIPV, ESM XXXSB, ESM XXXTB, ESP XXXTB (XXX STAND FOR 1W-700W)

Test Standard: EN 61215-1-1:2016
 EN 61215-1:2016
 EN 61215-2:2017

This Attestation of Compliance is issued on a voluntary basis for electrical equipment below the voltage limits of Low Voltage Directive 2014/35/EU. The essential requirement are fulfilled accordingly based on the technical specifications applicable at the time of issuance. See also notes overleaf. It is only valid in connection with the test report number: ZTL-2020122202S.

Shenzhen ZTL Testing Technology Co., Ltd.
 No. 302, 3rd Floor, Qiaotou Chuangke Center, No.168 Yongfu Road, Fuhai Street, Baoan District, Shenzhen, China
 Fax: +86-755-27225865 Tel: +86-755-27225865 Email: ztl@ztl-lab.com Web: www.ztl-lab.com

This Certificate of Conformity is based on single evaluation of the submitted sample(s) of the above mentioned product. It does not imply an assessment of the whole product and relevant. Directives to be observed.

EINNOVA
SOLARLINE



Part Three
Project Reference

Worldwide Project Reference - Asia

Company Introduction

Solar Module

Project Reference



100MW On-grid Solar PV
Power Generation Project
Gansu Province,
China year 2013



45MW Ground Solar Power PV
Station Inner Mongolia , China
year 2014

Worldwide Project Reference - Asia

Company Introduction

Solar Module

Project Reference



30MW Ground PV Station
Qinghai Province China year
2011



20MW SUMEC Xuzhou Solar Power PV
Station Jiangsu Province China
year 2012

Worldwide Project Reference - Asia

Company Introduction

Solar Module

Project Reference



100MW Bao Ying Solar PV Power Project Jiangsu Province ,China year 2016



30.6 MW On-grid Solar Power Project India year 2016

Worldwide Project Reference - Asia

Company Introduction

Solar Module

Project Reference



25MW On-grid Solar Power
Project
Utter Pradesh, India
year 2015



5MW Power
Plant
India
year 2018

Worldwide Project Reference - Asia

Company Introduction

Solar Module

Project Reference



2MW On-grid Solar Power
Project Malaysia
year 2014



14.5MW Solar Power PV
Station Philippines
year 2015

Worldwide Project Reference - Asia

Company Introduction

Solar Module

Project Reference



2MW Power
Plant Thailand
year 2012



5MW Ground Power Plant by
seaside Japan year 2012

Worldwide Project Reference - Asia

Company Introduction

Solar Module

Project Reference



300kw roof
system
Iran
year 2015



400KW Solar
System
Syria
year 2017

Worldwide Project Reference - Asia

Company Introduction

Solar Module

Project Reference



1MW Roof
Project Vietnam
Year 2019



200kw Ground
Project Philippine
year 2016

Worldwide Project Reference - Europe

Company Introduction

Solar Module

Project Reference



200KW solar system Finland year 2021



300kw solar system Finland year 2021

Worldwide Project Reference - Europe

Company Introduction

Solar Module

Project Reference



5MW Power
Plant France
year 2012



500kw Roof
System Germany
year 2014

Worldwide Project Reference - Europe

Company Introduction

Solar Module

Project Reference



400kw Roof
System Germany
year 2018



1.5MW Power
Plant UK
year 2018

Worldwide Project Reference - Europe

Company Introduction

Solar Module

Project Reference



2.8MW Power
Plant Spain
year 2012



500kw Power
Plant Italy
year 2018

Worldwide Project Reference - Europe

Company Introduction

Solar Module

Project Reference



3MW Power
Plant Belgium
year 2014



800kw Roof
System
Netherlands
year 2014



500KW Roof
System Sweden
year 2016



800kw Roof
System
Netherlands
year 2014

Worldwide Project Reference - Europe

Company Introduction

Solar Module

Project Reference



2MW Residential Roof
System
Germany
year 2015



300KW Residential Roof Solar
Power Sweden
year 2016

Worldwide Project Reference - Europe

Company Introduction

Solar Module

Project Reference



3.5MW Solar Power PV
Station Czech
year 2016



1MW Power
Plant
Switzerland
year 2016

Worldwide Project Reference - Europe

Company Introduction

Solar Module

Project Reference



3MW Solar Power
Plant Hungary
year 2019



2MW Power
Plant Portugal
year 2018

Worldwide Project Reference - Europe

Company Introduction

Solar Module

Project Reference



1.1MW Solar Power
Plant Estonia
year 2019



10MW Power
Plant Ukraine
year 2018

Worldwide Project Reference - Africa

Company Introduction

Solar Module

Project Reference



500kw Solar Power PV
Station Mozambique
year 2015



5MW Solar Power PV
Station South Africa
year 2016

Worldwide Project Reference - Africa

Company Introduction

Solar Module

Project Reference



2MW Solar Power PV
Station Burundi
year 2018



800KW Solar Power PV
Station Zimbabwe
year 2015

Worldwide Project Reference - Africa

Company Introduction

Solar Module

Project Reference



500kw Power
Plant Egypt
year 2017



200kw Solar
System Morocco
year 2018

Worldwide Project Reference - Africa

Company Introduction

Solar Module

Project Reference



1MW Solar Power PV
Station
Kenya
year 2015



200kw Solar
System
Nigeria
year 2018

Worldwide Project Reference - Africa

Company Introduction

Solar Module

Project Reference



1MW Power
Plant
Ghana
year 2017



800kw Solar
System
Angola
year 2018

Worldwide Project Reference - South America

Company Introduction

Solar Module

Project Reference



15MW Power
Plant Brazil
year 2017



800kw Power
Plant Chile
year 2016

Worldwide Project Reference - South America

Company Introduction

Solar Module

Project Reference



20MW Power
Plant Mexico
year 2017



600kw Roof
System Colombia
year 2016

Worldwide Project Reference - South America

Company Introduction

Solar Module

Project Reference



3MW Solar Power PV
Station Antigua
year 2016



500KW Solar Power PV
Station Dominica
year 2016

Worldwide Project Reference - South America

Company Introduction

Solar Module

Project Reference



4MW Solar Power PV
Station Antigua
year 2017



4.5MW Solar Power PV
Station Corsica
2014

Worldwide Project Reference - South America

Company Introduction

Solar Module

Project Reference



404kw Solar
System Jumby Bay
year 2017



200KW Solar
System Antigua
2017

Worldwide Project Reference - South America

Company Introduction

Solar Module

Project Reference



500kw Solar
System Antigua
year 2017



150KW Solar
System Antigua
2018

Worldwide Project Reference - South America

Company Introduction

Solar Module

Project Reference



200kw Solar
System Jumby Bay
Island year 2017



100KW Solar
System
Cork
2018

Worldwide Project Reference - South America

Company Introduction

Solar Module

Project Reference



500kw Solar
System Guyana
year 2017



600KW Solar
System
Guyana
2018

Einnova Solarline-to be Your Trusted Partner!

THANK YOU!



Building 1, NO. 58, Yunjin Road, Jianye
District, Nanjing, China



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+86-(0)25-84705923



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EINNOVA
SOLARLINE