

2024

# DMEGC Solar

THE WORLD'S LEADING PROVIDER  
OF RENEWABLE ENERGY



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**DMEGC Japan CO., Ltd.**

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Tel: +81 (0) 3 6722 6601. E-mail: info@dmegc.jp

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# OVERVIEW OF DMEGC SOLAR



Founded in 1980, DMEGC Solar is committed to be the world's leading renewable energy company, possessing six manufacturing bases (Hengdian, Sihong, Qixian, Yibin, Lianyungang, Southeast Asia), with an annual capacity of 16GW cells and 12GW modules, and cumulative shipments are over 35GW+.

With industry-leading technology R&D, manufacturing technologies, quality management and service, DMEGC Solar provides high-efficiency and reliable PV products and all application solutions for global customers.

**16** GW+ 6GW  
(under construction)  
Cells Capacity

**12** GW+ 7GW  
(under construction)  
Modules Capacity

**35** GW+  
Cumulative Shipments

- Top 10 PV Module suppliers (PVTECH, Infolink)
- Bloomberg "Tier 1 Solar Panels Manufacturers"
- EUPD Research "Top Brand PV Modules" since 2018
- Top Performer in PVEL PV Module Reliability Scorecard
- Leading Altman-Z score ranking in Global Solar Industry



## DMEGC - A LONG-TERM PARTNER OF FORTUNE GLOBAL 500

DMEGC was founded in 1980 and listed on the Shenzhen Stock Exchange in 2006 (SZ: 002056). It is a national high-tech enterprise with two industrial sectors: "magnet + device" and "photovoltaic + lithium".

Focus on manufacturing for 44 years, our products exported to more than 70 countries and regions. We are leading company in Chinese magnetic industry, and PV module manufacturer with global low-carbon certification.

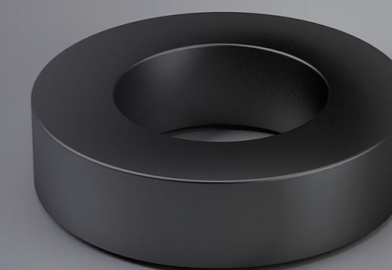
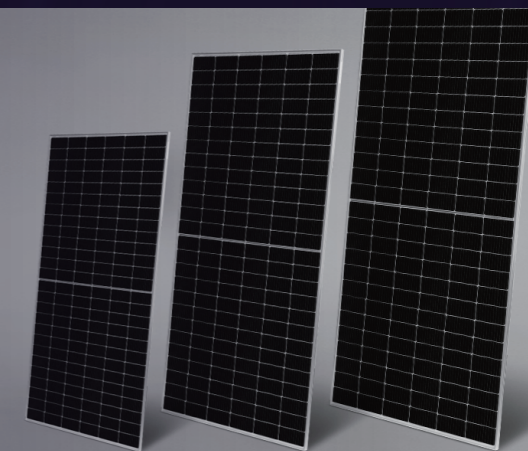
We are the long-term strategic partner of Fortune Global 500 Enterprises and been rated as "Excellent Supplier" by world-renowned enterprises such as Japan NIDEC, South Korean Samsung, and won Bosch "Global Best Supplier Award".

### Long-term Customers



### Photovoltaic + lithium Battery

Photovoltaic + lithium Battery	Magnetic Material + Devices
Solar PV (DMEGC Solar)	Hard Ferrite
Li-ion Battery	Soft Ferrite
PACK	Magnet Material
Photovoltaic System Investment and Development	Bonded Magnet
	Motor
	Alloy Materials





## OUR PARENT COMPANY - HENGDIAN GROUP

Hengdian Group is one of Chinese largest private enterprise with a diversified portfolio, forged through three major stages of entrepreneurship, annual revenue is 12,06 billion EURO.

Currently, Hengdian Group is controlling shareholders in six public companies and platforms: DMEGC Magnetics, Apeloia Pharmaceutical, Innuovo Technology, TOSPO Lighting, Hengdian Entertainment and Nanhua Futures, and more companies are prepping for IPO.

Hengdian Group create new materials, new energy, lighting, micro and special motors, audio equipments, pharmaceuticals, healthcare, medical devices, and green chemicals, and is known as the "Magnetic Capital of the World" as well as the "Medical Valley of Jiangnan."

### Electrical and Electronics

**Pharmaceutical and Healthcare**

◆ DMEGC ◆ TOSPO ◆ Innuovo ◆ XINNA ◆ APLOIA ◆ 映派 ◆ WEDU ◆ Innuovo ◆ TREPNI ◆ GBF ◆ TOSPO ◆ SIRAMIC ◆ 文景医药

### Film and Entertainment

**Modern Services**

◆ 山空 ◆ 映派 ◆ hdx ◆ 映派 ◆ Hengdian Airport ◆ AUEAST ◆ 映派 ◆ hg ◆ 映派 ◆ 映派 ◆ 映派

Note: ◆ listed companies

## WHY TO CHOOSE DMEGC SOLAR



### High Quality Global Service

- Local offices, warehouses, and technology service centers in NL, DE, FR;
- Local marketing promotion, technology support and service.



### Leading Financial Health

- Excellent financial performance, always ranked in Bloomberg "Tier 1 Solar Panels Manufacturers";
- Leading Altman-Z score of global PV module manufacturer.



### Excellent Technology & Quality

- Comprehensive systematic certificates include ISO and IEC, global authoritative product certification (TUV, MCS, PI, PVEL, etc.);
- Best brand of black modules in European distributed market.

## DEVELOPMENT MILESTONE

Focus on manufacturing and innovation for 44 years, to be the world's leading provider of renewable energy!



## MANUFACTURING LAYOUT

We have built an integrated photovoltaic industrial chain of wafer, cell and module, and steadily increased the production capacity.

At present, we have six major manufacturing bases, and more than 20 specialized factories.



01



02



03



04



05



06

**01** Cells + Modules  
Hengdian, Zhejiang

**02** Wafers  
Qixian, Henan

**03** Modules  
Sihong, Jiangsu

**04** Modules  
Lianyungang, Jiangsu

**05** Cells  
Yibin, Sichuan

**06** Cells  
Southeast Asia

## GLOBAL DEPLOYMENT

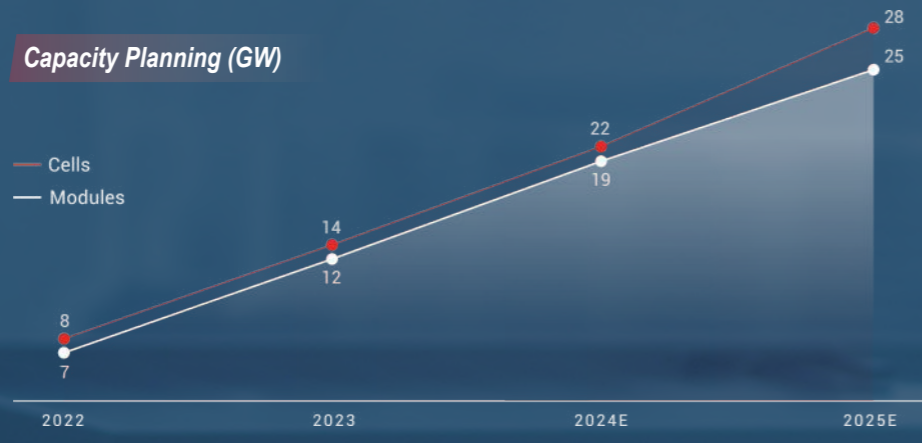


**80+**

Our business has covered 80+ countries and regions, providing high quality localization marketing, logistics, and technology services for customers all over the world.

## ROBUST BUSINESS GROWTH

Based on excellent product performance and reliability, our products are favored by global customers, and our shipment has maintained a rapid growth. At the same time, we have steadily enhanced our industrial layout and production capacity.



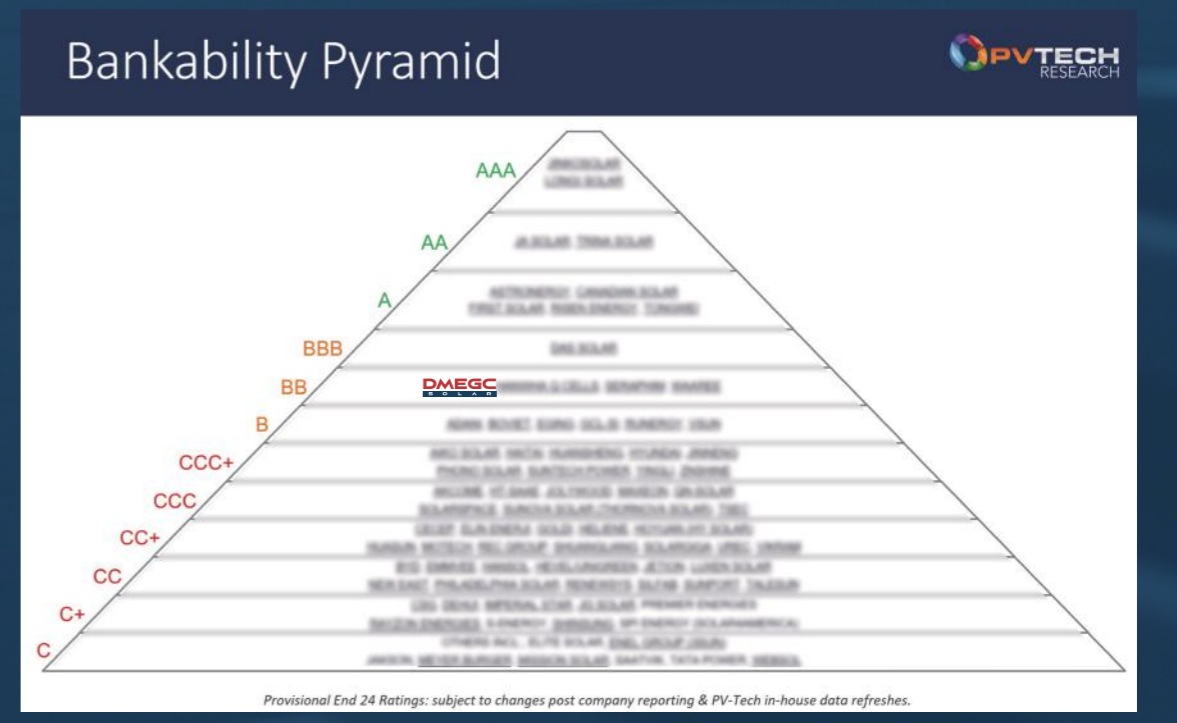
### Tier 1 list

Table 3: PV module manufacturers meeting BNEF's Tier 1 criteria as of 2Q 2024

Firm/brand	Annual module capacity, MW/year	Firm/brand	Annual module capacity, MW/year
Zhejiang	10,000	Long Green*	10,000
Yingli*	10,000	Leapfrog Energy*	3,000
Wuxiwei*	10,000	Almond*	10,000
Vikar*	4,000	Alton	2,000
Vikram Solar	3,000	JR Solar*	90,000
Tsun*	90,000	HT-SUNG*	5,000
Tongwei*	70,000	Hanwha Q-CELLS*	9,100
Taxco Solar	20,000	Hemucor*	5,000
Suntech*	20,000	QCS System*	27,000
Sungor Power/TH Solar	2,000	Fox Solar	14,400
Suniva Solar/Phoenix*	5,000	BY Solar Inc./Blue Solar*	3,000
Sunoco/Phoenix Solar*	4,000	Egong*	10,000
Solarpartner*	5,000	<b>DMEGC</b>	12,000
Singapore*	10,000	Chen Hsinenergy*	50,000
Shengyi/Superstar*	21,000	Canadian Solar	31,000
Shen Energy*	40,000	SHC	4,000
Shenwei*	5,000	Arbor Motion	20,000
Shida Solar	5,000	Arbor Delivery (CSP Solar)	5,000
		<b>Total</b>	<b>866,150</b>

## EXCELLENT FINANCIAL PERFORMANCE

We have maintained industry-leading growth in financial performance and have established long-term relationships with customers and partners. Our financial health has consistently remained in an industry-leading position, and our debt-to-asset ratio has been consistently low throughout the years.





# KEY FINANCIAL FIGURES OF DMEGC

## Key Financial Figures (2023)

**2,75** Billion  
Total Assets

**2563** Million  
Total Income

**237** Million  
Net profit

**1193.25** Million  
Shareholder equity

**56,65** %  
Debt-Asset Ratio

Unit: EUR

## Key Financial Figures of DMEGC

Unit: EUR	2023	2022	2021	2020
Total Assets (Billion)	2.75	2.29	1.67	1.33
Total Income (Billion)	2.56	2.53	1.64	1.05
Net Profit (Million)	237.14	216.62	145.45	131.82
Shareholder Equity (Million)	1193.25	1009.22	879.09	784.42
Capital (Million)	1192.86	734.42	447.40	489.35
Current Ratio	1.27	1.23	1.4	1.77
Acid-test Ratio	1.10	1.02	1.11	1.54
Debt-Asset Ratio	56.65%	55.87%	48.64%	41.01%

# SUSTAINABLE DEVELOPMENT (ESG)

We continue to integrate sustainability goals into the business value chain, which has positioned DMEGC Solar as a responsible player in the industry. We strive to work hand in hand with our customers and partners in the long run.

### Scientific Governance, Stable Operation

Ever optimizing the governance structure and management mechanism, ensuring DMEGC's stable operations with a high level of corporate governance, protecting legitimate rights & interests of shareholders.



### Low-Carbon Development, Green Coming First

High importance to environmental protection in our daily operation, proactively responding to the challenges and opportunities brought forth by climate change, ever striving to reduce our carbon emission and energy consumption for a green future.



### Sustainable Supply Chain Management

Creating a responsible supply chain with high standards, enhancing the sustainable development capabilities of the entire value chain, and cooperating with upstream and downstream to empower green innovation and diversified added value in the value chain.



### Quality Innovation & Long-Term Service

Continuously improving product competitiveness and promoting industry development through technological innovation, strict intellectual property protection, and intelligent manufacturing.



### People-Oriented, Harmonious & Good

Committed to protecting the rights and interests of employees and improving their career planning and development capabilities. Dedicated to enhance public welfare and community development for a harmonious and inclusive society.



# AUTHORITIES AND CUSTOMER AWARDS

# ZERO CARBON FACTORY AND 100% GREEN ENERGY CONSUMPTION

Our Sihong base was named as Zero Carbon Factory by TÜV SÜD, it is the first PV manufacturer to receive a zero-carbon endorsement from the certification body. And we also reached the milestone of 100% green energy for PV module manufacturing in September 2023.



With excellent quality, we have been awarded EUPD Research "Top Brand PV Modules" and PVEL "Top Performer" PV Module Manufacturer.



DMEGC Solar's comprehensive quality management covers all business processes, including R&D, manufacturing, transportation, delivery, and customer service. These processes are fully traceable to ensure the highest standards of quality.

Zero Carbon Factory

100% Green Energy Consumption

**Zero Carbon Factory Verification Certificate**  
No. C30HG 122676 0003 Rev. 00

**Client:** Jiangsu DMEGC New Energy Co., Ltd.  
No. 1, Wuyang East Road, Sihong County, 221000 Jiangsu, China  
PEOPLE'S REPUBLIC OF CHINA

**Responsible Party (Factory):** Jiangsu DMEGC New Energy Co., Ltd.  
No. 1, Wuyang East Road, Sihong County, 221000 Jiangsu, China  
PEOPLE'S REPUBLIC OF CHINA

**Covered Period:** Stage 1 and Stage 2

**Valid Until:** 2024-12-31

**DWG Drawing Percentage:** 100%

**Operation Rule:** CEI, CEI, CEI, CEI, CEI, CEI

**Technical Standard:** T1800-0 011-003

**Verification Conclusion:** The operation management of the factory is in line with the requirements of the standard. The factory has achieved zero-carbon status.

**Report No.:** 70712274003-00

**Issue Date:** 2023-10-13

*(Signature)*  
(Lang Gan)

CECA 中国书能协会

**Green Energy Consumption Verification Statement**  
No. V15US 076043 0129 Rev. 00

**Client:** Jiangsu DMEGC New Energy Co., Ltd.  
No. 1, Wuyang East Road, Sihong County, 221000 Jiangsu, China  
PEOPLE'S REPUBLIC OF CHINA

**Responsible Party:** Jiangsu DMEGC New Energy Co., Ltd.  
No. 1, Wuyang East Road, Sihong County, 221000 Jiangsu, China  
PEOPLE'S REPUBLIC OF CHINA

**Operation Rule:** CEI, CEI, CEI, CEI, CEI, CEI

**Level of Assurance:** 100%

**Verification Conclusion:** The factory has achieved 100% green energy consumption.

**Report No.:** 70712274003-00

**Issue Date:** 2023-09-02

*(Signature)*  
(Lang Gan)

**Green Energy Consumption Verification Statement**  
No. V15US 122676 0002 Rev. 00

**Client:** Jiangsu DMEGC New Energy Co., Ltd.  
No. 1, Wuyang East Road, Sihong County, 221000 Jiangsu, China  
PEOPLE'S REPUBLIC OF CHINA

**Responsible Party:** Jiangsu DMEGC New Energy Co., Ltd.  
No. 1, Wuyang East Road, Sihong County, 221000 Jiangsu, China  
PEOPLE'S REPUBLIC OF CHINA

**Operation Rule:** CEI, CEI, CEI, CEI, CEI, CEI

**Level of Assurance:** 100%

**Verification Conclusion:** The factory has achieved 100% green energy consumption.

**Report No.:** 70712274003-00

**Issue Date:** 2023-09-02

*(Signature)*  
(Lang Gan)



We have also received high recognition from our customers and maintained a long-term and in-depth cooperative relationship with Fortune Global 500.

## AUTHORIZED CERTIFICATION

We have successfully obtained the core system and product certifications from globally authorized organizations. Furthermore, we take pride in being one of the first companies to achieve French low-carbon certification for the module life cycle.

### System certification

ISO 9001



ISO 14001



ISO 45001



SA8000



ISO50001



ISO 14064



IEC61215&61730



IEC 63209



Fire Class A



HAIL Test-VKf



PFSA



REACH



MCS



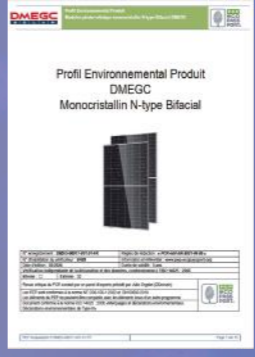
BIS



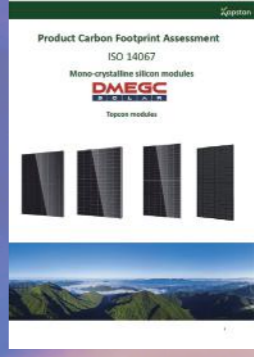
EPD Italy



PEP



ISO 14067



SOLARIF

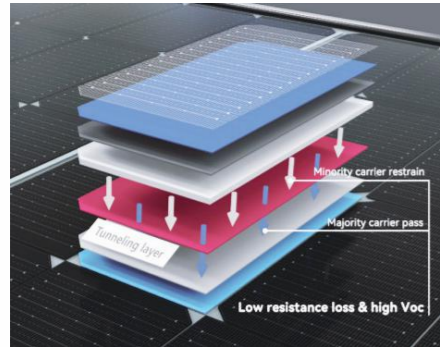


### Product certification

\* Certifications will be submitted from DMEGC Solar on request

# LEADING TECHNOLOGIES

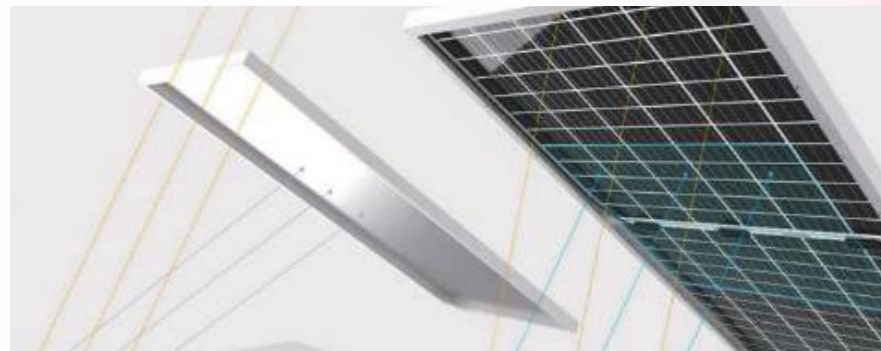
We are dedicated to promoting the continuous development of the PV industry by facilitating the rapid application of new technologies and processes to production.



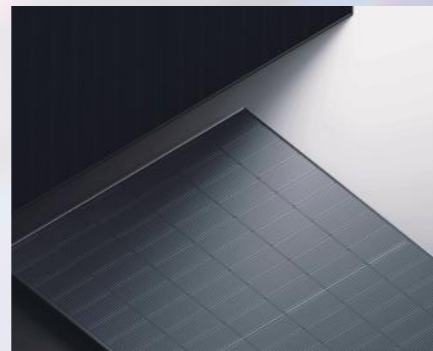
N-type Cell



Half-Cut Rectangle cell



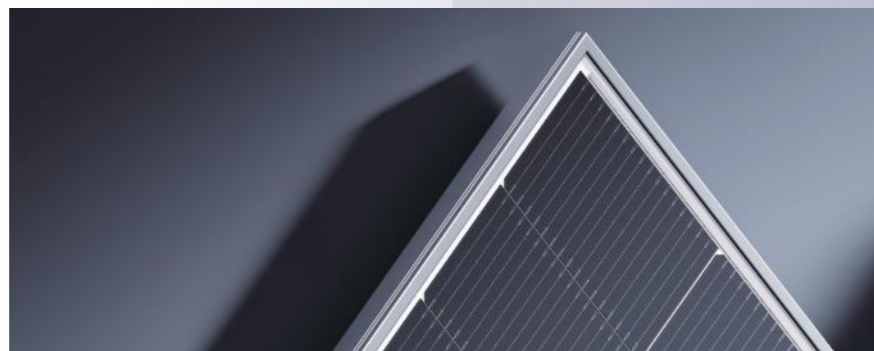
Bifacial



Full Black



Lossless Laser Cutting



SMBB

# LEADING MANUFACTURING

We were among the first to enter the era of 5G intelligent manufacturing, where our future factory fully incorporates numerous cutting-edge technologies such as "5G edge computing" and "5G AGV", among others.



5G INTELLIGENT MANUFACTURING



5G EDGE COMPUTING



5G AGV



# LEADING QUALITY

We offer a power warranty of up to 30 years.

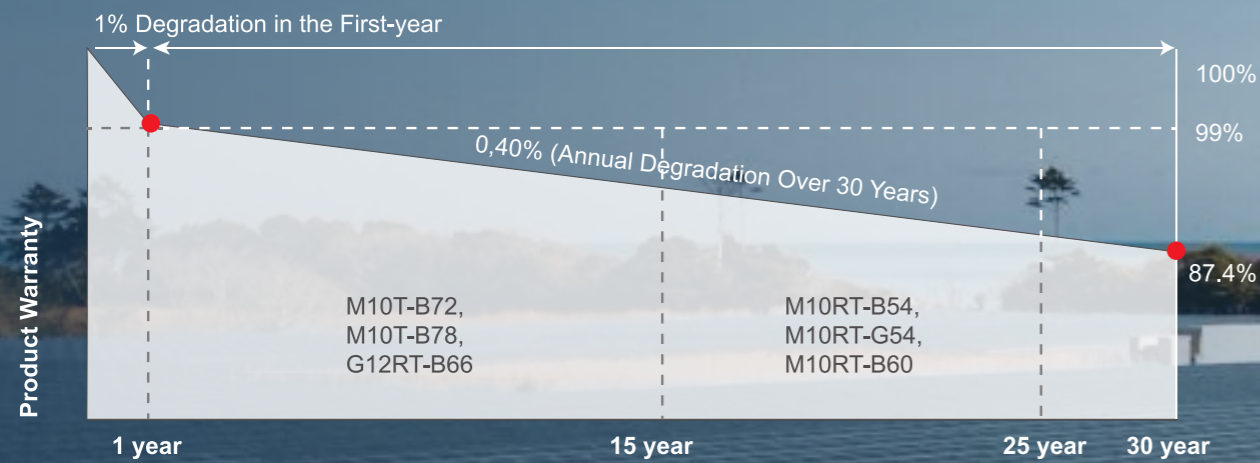
Based on cutting-edge technologies and manufacturing processes, our modules offered a power warranty of 99% for the first year.

\* Double glass provides a up to 25-year product warranty and a 30-year power warranty.

**1%** First-year Degradation

**0.4%** Annual Degradation Over 30 Years

**30 YEAR** Linear Power Warranty



# FULL SCENARIO SOLUTIONS

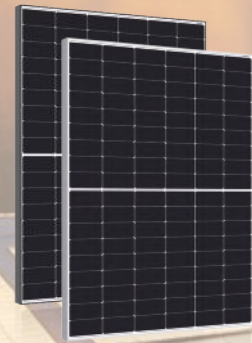
As a Tier 1 solar manufacturer, our full range of services for residential, commercial & industrial (C&I), and utility solutions offer unparalleled value, reliability, and comprehensive support to our project partners



# INFINITY RT SERIES

## N-type Rectangle Double Glass Module

M10RT-G54HSW/HBW

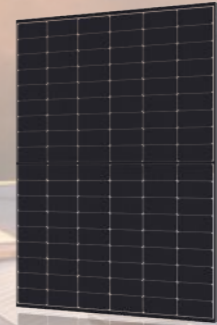


445-465<sub>wp</sub>

White/Black Frame  
1762x1134mm

- High reliability design  
2.0mm+2.0mm glasses 24.5KG
- Low weight design  
1.6mm+1.6mm glasses 20.4KG

M10RT-B54HBT

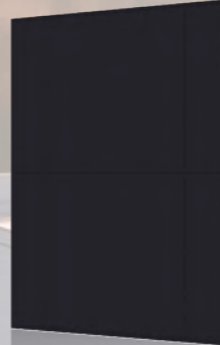


440-460<sub>wp</sub>

Black Frame (transparent glass)  
1762x1134mm

- High reliability design  
2.0mm+2.0mm glasses 24.5KG
- Low weight design  
1.6mm+1.6mm glasses 20.4KG

M10RT-B54HBB

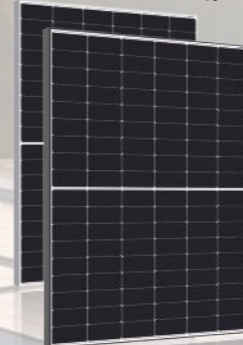


440-460<sub>wp</sub>

Full Black  
1762x1134mm

- High reliability design  
2.0mm+2.0mm glasses 24.5KG
- Low weight design  
1.6mm+1.6mm glasses 20.4KG

M10RT-B54HSW/HBW

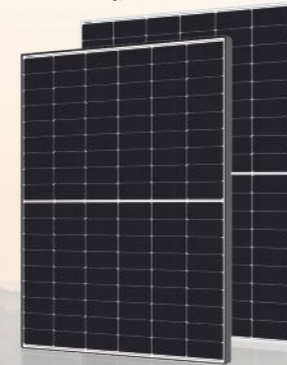


445-465<sub>wp</sub>

White/Black Frame  
1762x1134mm  
24.5kg

## N-type Rectangle MONO-FACIAL Module

M10RT-54HSW/HBW



445-465<sub>wp</sub>

White/Black Frame  
1762x1134mm  
20.6kg

M10RT-54HBB



440-460<sub>wp</sub>

Full Black  
1762x1134mm  
20.6kg

# INFINITY SERIES

## N-type Bifacial Double Glass Module

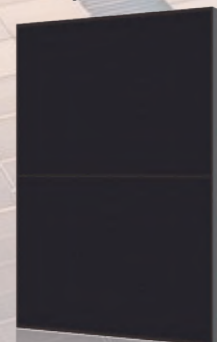
M10RT-B60HBT



490-510<sub>wp</sub>

Black Frame (transparent glass)  
1950x1134mm  
26.8kg

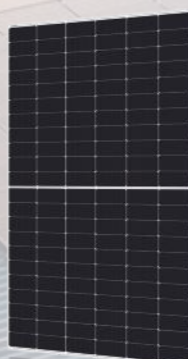
M10RT-B60HBB



490-510<sub>wp</sub>

Full Black  
1950x1134mm  
26.8kg

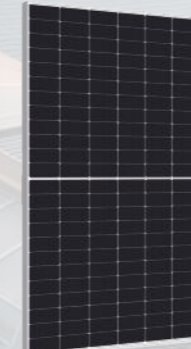
G12RT-B66HSW



610-635<sub>wp</sub>

White Frame  
2382x1134mm  
32.3kg

M10T-B72HSW



580-600<sub>wp</sub>

White Frame  
2278mmx1134mm  
31.8kg

M10T-B78HSW



630-650<sub>wp</sub>

White Frame  
2465mmx1134mm  
33.5kg

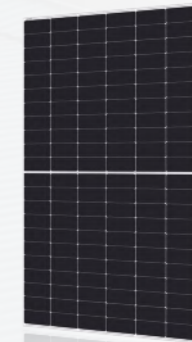
M10T-B54HBT



425-445<sub>wp</sub>

Black Frame (transparent glass)  
1722mmx1134mm  
23.6kg

G12T-B66HSW

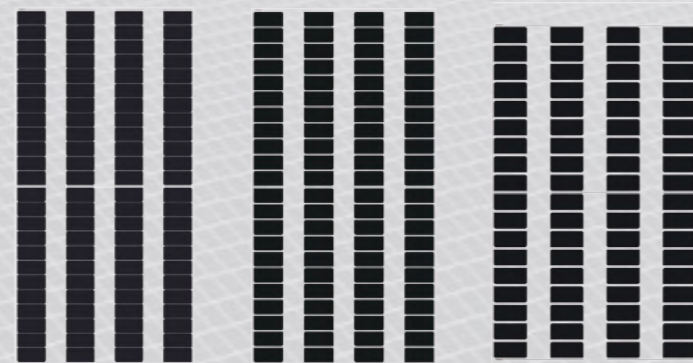


695-720<sub>wp</sub>

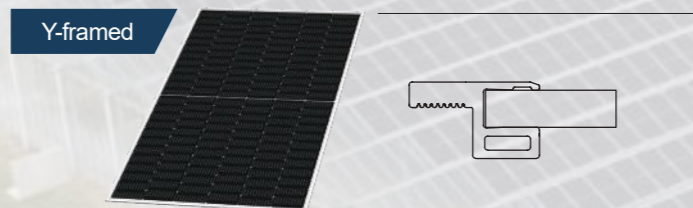
White Frame  
2384x1303mm  
37.7kg

## CUSTOMIZED SERIES MODULE

- Base on the development of rooftop construction and Agri-PV, we offer the innovative products that integrates the new Y-framed, EC-framed and Transparent modules.
- These innovative products can be perfectly integrated with existing systems to reduce construction difficulties and improve customer investment income.



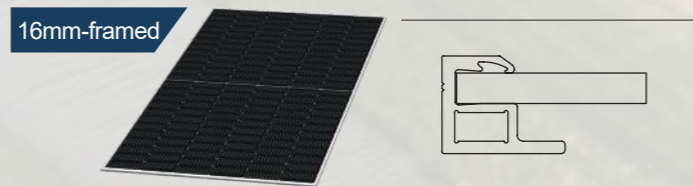
Transparent modules



Y-framed



EC-framed



16mm-framed



Greenhouse



Carport



Public Space



Agri-PV



Jiangsu China  
**708MW**

Hubei China  
**200MW**

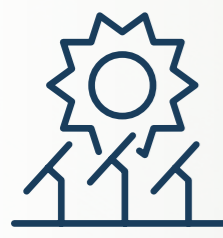
Sanmen China  
**200MW**

Netherlands  
**60MW**

Germany  
**49.4MW**

Netherlands  
**40MW**

Netherlands  
**34MW**



Utility





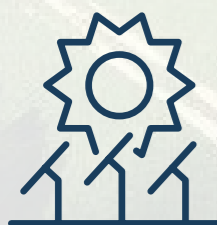
France  
**17MW**

Germany  
**12.5MW**

France  
**11MW**

Spain  
**2.7MW**

Japan  
**1.73MW**



**Utility**

France  
**5.53MW**



Hengdian China  
**200MW**



Netherlands  
**530KW**



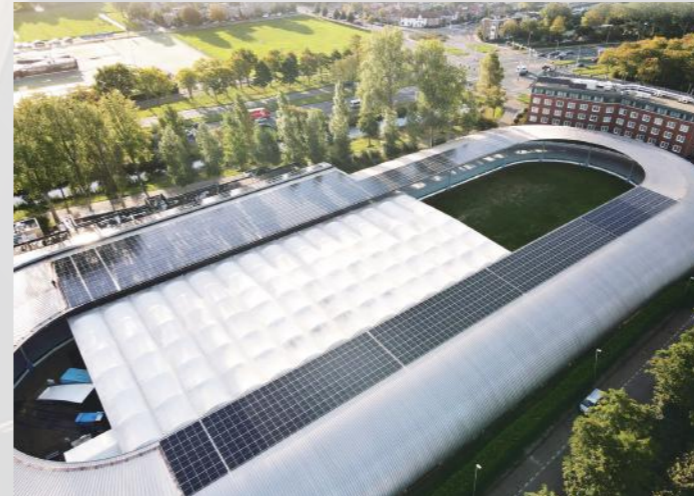
France  
**276KW**



France  
**410KW**



Hengdian China  
**6MW**



France  
**228KW**

Netherlands  
**530KW**



# Residential

France  
**20KW**



France  
**5KW**



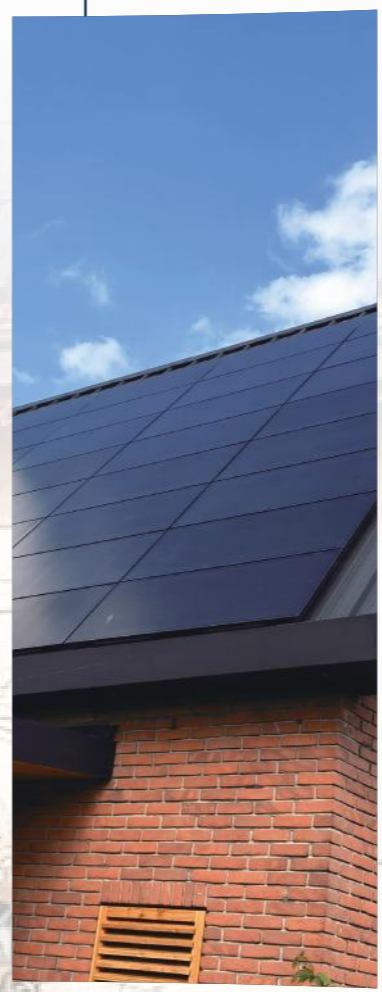
France  
**6KW**



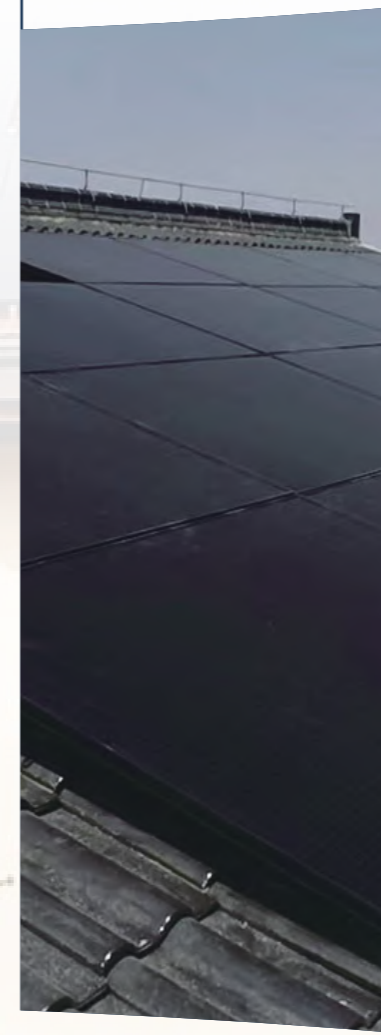
Netherlands  
**30KW**



Netherlands  
**10KW**



Sihong China  
**15KW**



Germany  
**6KW**



Netherlands  
**10KW**





# Greenhouse



# Carport

Netherlands  
**36MW**



Netherlands  
**13MW**



Netherlands  
**1MW**



Netherlands  
**132KW**



France  
**2.87MW**



France  
**9MW**



Netherlands  
**27KW**



Spain  
**8KW**