



DMEGC Solar

The World's Leading Provider of Renewable Energy

2023 Q2

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Overview of DMEGC Solar



8GW + 6GW (Under Construction)
Cells Capacity

7GW + 5GW (Under Construction)
Modules Capacity

30 GW
Cumulative Shipments

Founded in 1980, DMEGC Solar is committed to be the world's leading renewable energy company, possessing five manufacturing bases with an annual capacity of 8GW cells and 7GW modules, and cumulative shipments are over 30GW.

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.

- Top 10 PV Module suppliers in 2022 (PVTECH)
- 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

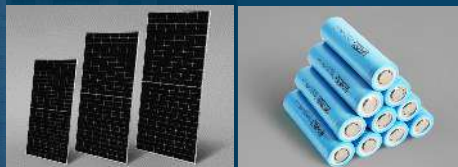


DMEGC was founded in 1980 and listed on the Shenzhen Stock Exchange in 2006 (SZ: 002056). It is a national high-tech enterprise with two industrial sectors: “magnet + device” and “photovoltaic + lithium”.

DMEGC has the world's largest production capacity of permanent and soft magnetic ferrites. It also takes the lead in the performance of rare earth NdFeB magnets in the industry.

Focus on manufacturing for 44 years, DMEGC is the long-term strategic partner of **Fortune Global 500** Enterprises such as Apple, Tesla, Bosch, SIEMENS, Samsung, and Huawei.

Photovoltaic + lithium Battery



Solar PV
(DMEGC Solar)

Li-ion Battery

PACK

Photovoltaic System Investment and Development

Magnetic Material + Devices



Hard Ferrite

Soft Ferrite

Magnet Material

Bonded Magnet

Motor

Alloy Materials

Long-term
Customers



BOSCH

SIEMENS



Microsoft

Panasonic



Our Parent Company - Hengdian Group



Founded in 1975, Hengdian Group is one of the largest private groups in China. It has built up four business clusters (electronics and renewable energy, pharmaceutical and healthcare, film and entertainment, modern services), six industrial and financial public companies, and more than 200 production and service-oriented enterprises.

Hengdian Group's business covers more than 150 countries and regions. It has been listed in the "China Top 500 Enterprises", "Forbes China Top Enterprises", "China Top 50 Innovation Competitiveness Private Enterprises", and other prestigious rankings



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
- 24-hour global customer service response

Leading Financial Health

- The lowest debt-asset rate of the solar industry, always in the industry-leading position
- Ranking among top 2 in terms of Altman-Z score of global PV module manufacturer

Excellent Technology & Quality

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

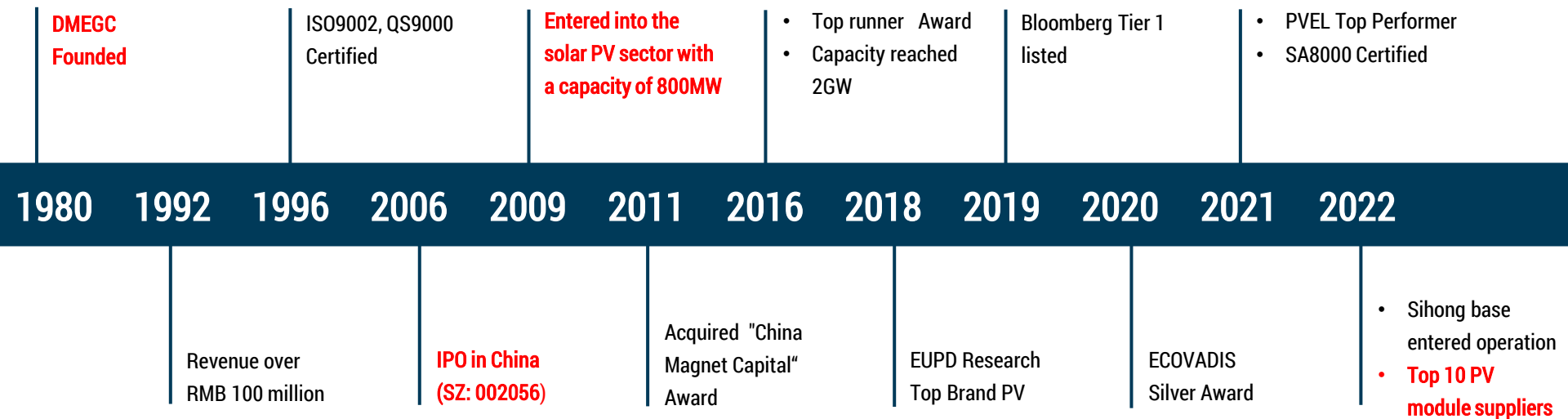
DMEGC
S O L A R

Development Milestone



Focus on manufacturing and innovation for 44 years,

to be the world's leading provider of renewable energy!



Manufacturing Layout

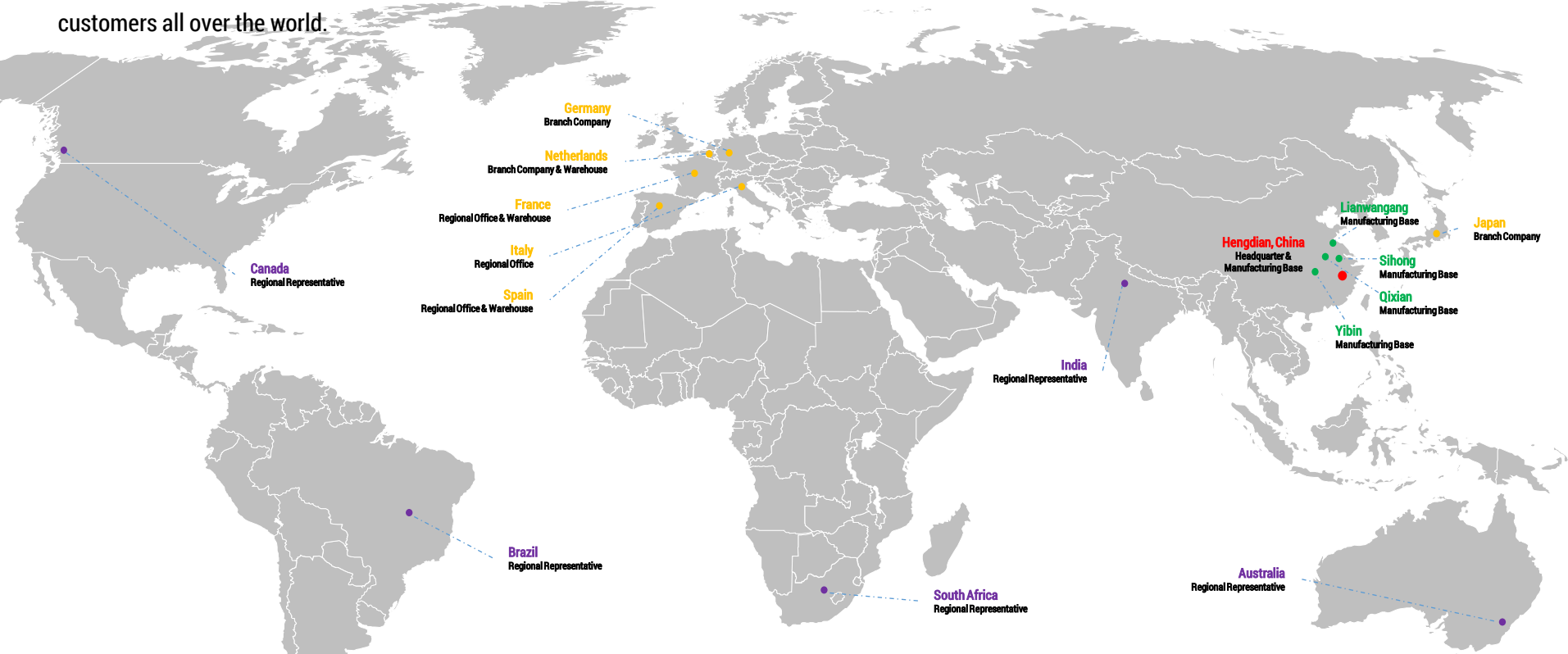
We have built an integrated photovoltaic industrial chain of wafer, cell and module, and steadily increased the production capacity. At present, we have three major manufacturing bases, two new bases under construction, and more than 20 specialized factories.

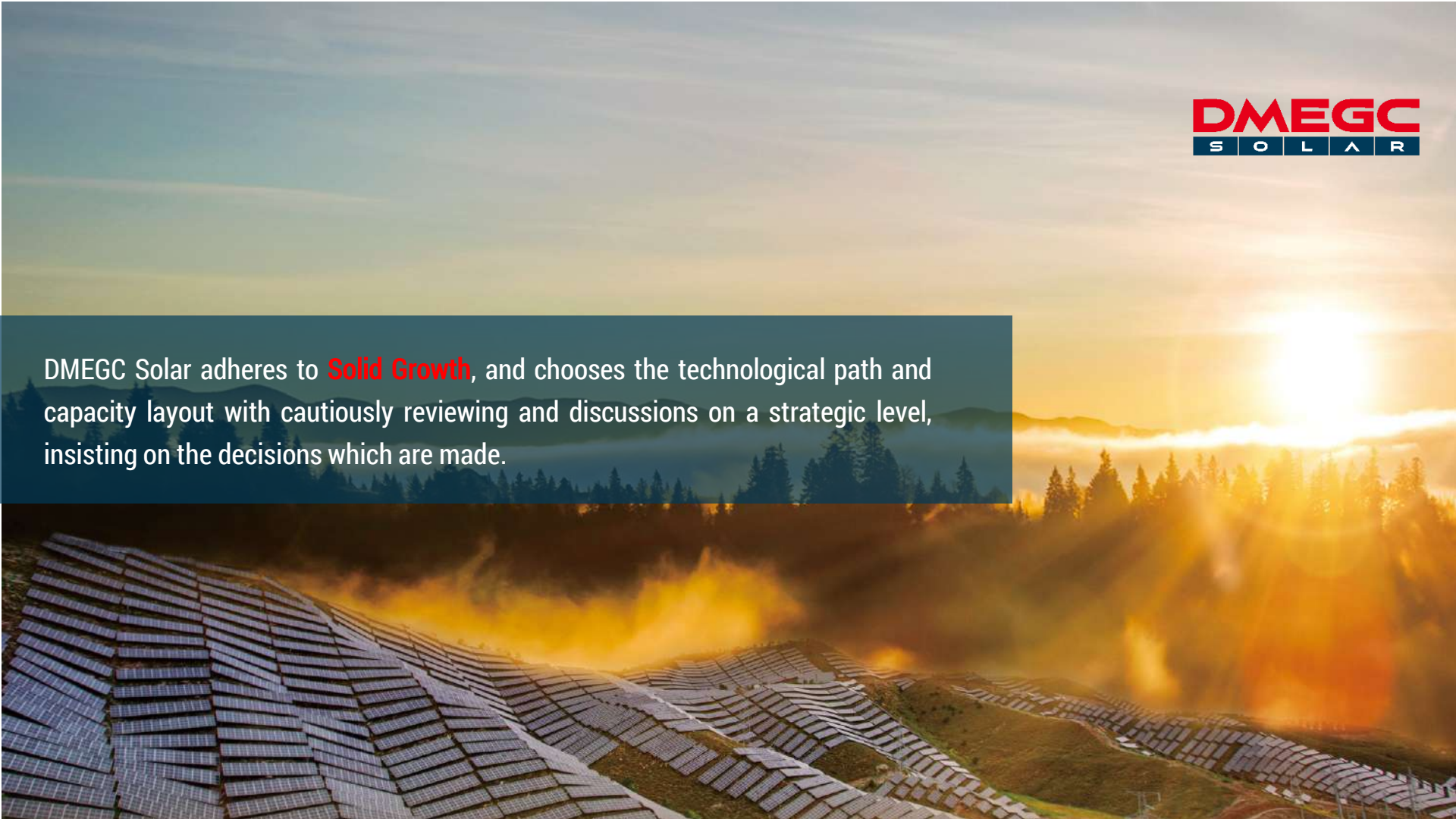


Global Deployment



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



The background of the slide is an aerial photograph of a large solar farm. The solar panels are arranged in neat, parallel rows across a hilly landscape. The scene is captured during sunrise or sunset, with a bright sun low on the horizon, creating a golden glow and long shadows. The sky is a mix of soft blues and oranges. In the foreground, the solar panels are in sharp focus, while the background shows a dense forest of evergreen trees and distant mountains under a hazy sky.

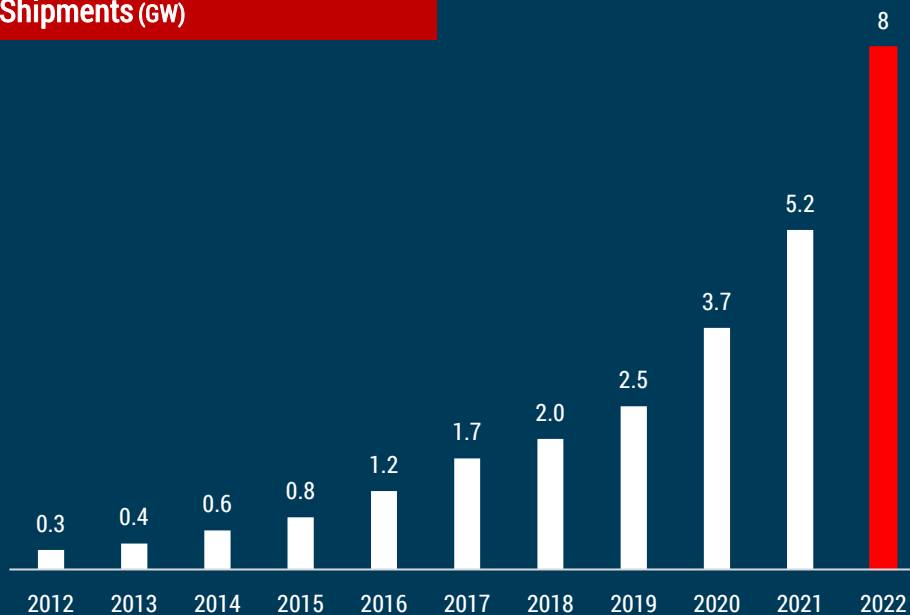
DMEGC Solar adheres to **Solid Growth**, and chooses the technological path and capacity layout with cautiously reviewing and discussions on a strategic level, insisting on the decisions which are made.

Robust Business Growth

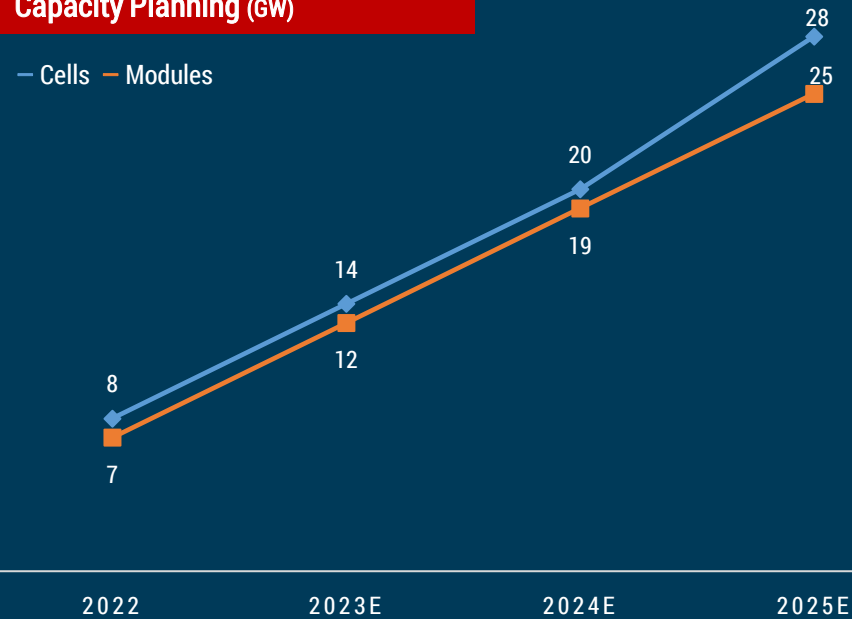


Based on excellent product performance and reliability, our products are favoured by global customers, and our shipment has maintained a rapid growth. At the same time, we have steadily enhanced our industrial layout and production capacity.

Shipments (GW)



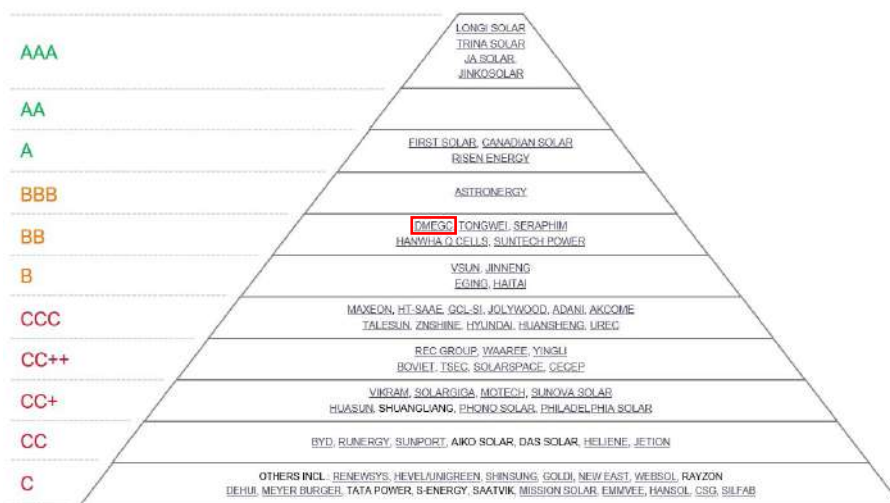
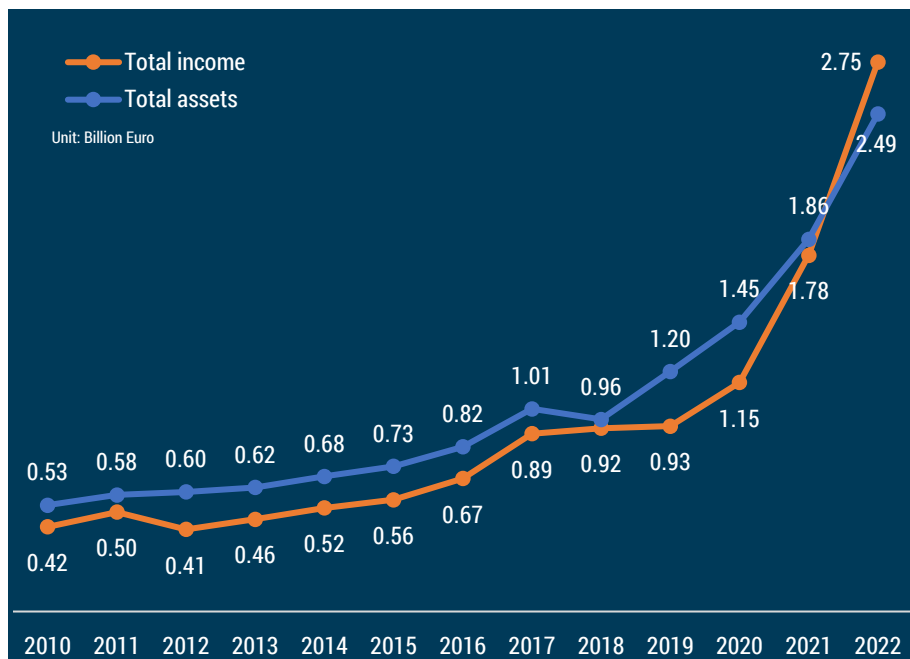
Capacity Planning (GW)



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.

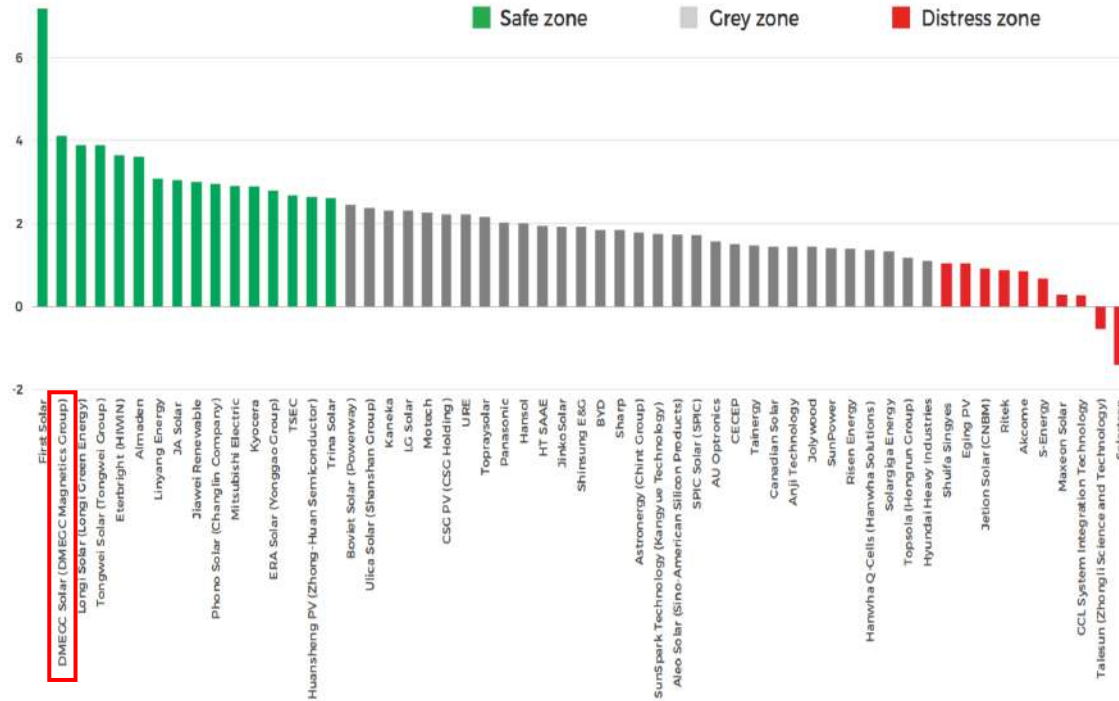


Provisional End Q1'23 Ratings: subject to changes post company reporting & PV-Tech in-house data refreshes.

Leading Altman-Z Score (#1 - 2023)



SINO VOLATAIC PV Manufacturer Ranking



The Sinovoltaics PV Manufacturer Ranking Score is based on the Altman Z-Score

$$\text{Altman Z-Score} = 1.2A + 1.4B + 3.3C + 0.6D + 1.0E$$

The original formula is broken down as following:

A	Working Capital/Total Assets: measures liquid assets in relation to the size of the company.
B	Retained Earnings/Total Assets: measures profitability that reflects the company's age and earning power
C	Earnings Before Interest & Tax/Total Assets: measures operating efficiency apart from tax and leveraging factors. It recognizes operative earnings as being important to long-term viability.
D	Market Value of Equity/Total Liabilities: adds market dimension that can show up security price fluctuation as a possible red flag
E	Sales/Total Assets: a standard measure for total asset turnover

*Altman-z score measures the financial security of a company according to five basic standards. The higher the score, the more financially secure the company is.

Key Financial Figures of DMEGC



Key Financial Figures (2023 Q1) Unit: EUR		Key Financial Figures in Previous Years				
2,60 Billion Total Assets		Unit: EUR	2022	2021	2020	2019
654 Million Total Income	82,6 Million Net profit	Total Assets (Billion)	2,49	1,86	1,45	1,20
1100,9 Million Shareholder equity		Total Income (Billion)	2,75	1,78	1,14	0,93
		Net Profit (Million)	235,51	158,13	143,31	97,85
		Shareholder Equity (Million)	1097,2	955,35	852,46	753,95
		Capital (Million)	798,44	486,40	532,01	406,21
		Current Ratio	1,23	1,4	1,77	1,84
		Acid-test Ratio	1,02	1,11	1,54	1,59
		Debt-Asset Ratio	55,87%	48,64%	41,01%	37,15%

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 for the long run.



Authorities and Customer Awards



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

* Certifications will be submitted from DMEGC Solar on request

System certification



ISO 9001:2015



ISO 14001:2015



SA8000:2014



ISO 45001:2018



ISO 50001:2018

Product certification



IEC61215/IEC61730



IEC62804



IEC62716



IEC61701



IEC60068-2-68



MCS



BIS



Letid



CGC



CEC



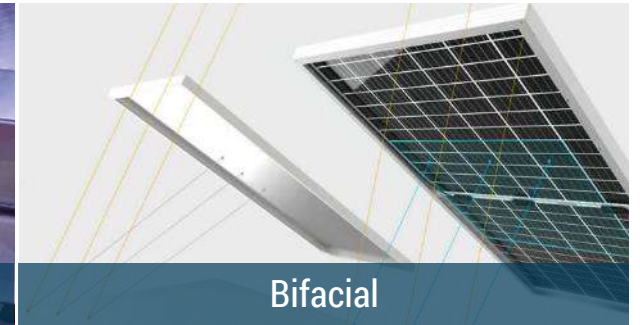
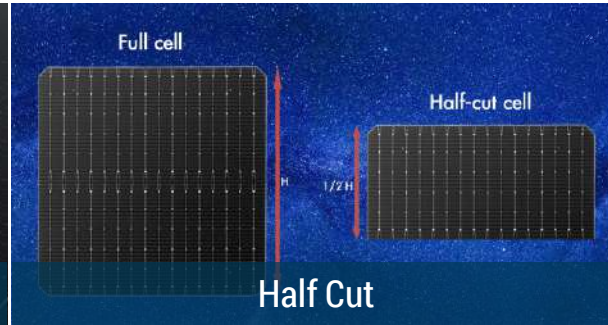
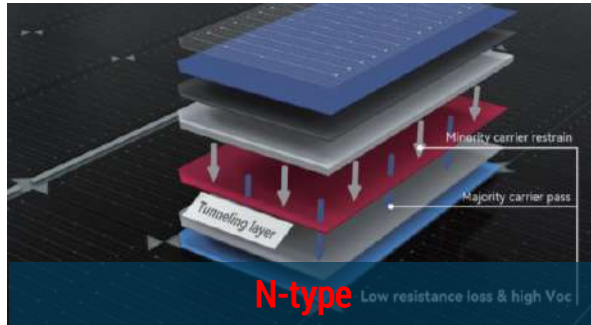
CSA



Based on cutting-edge technologies and advanced manufacturing, we offer **dependable, high-performance solutions and products** to customers worldwide. Our aim is to contribute to a global transition towards a low-carbon future.

Leading Technologies

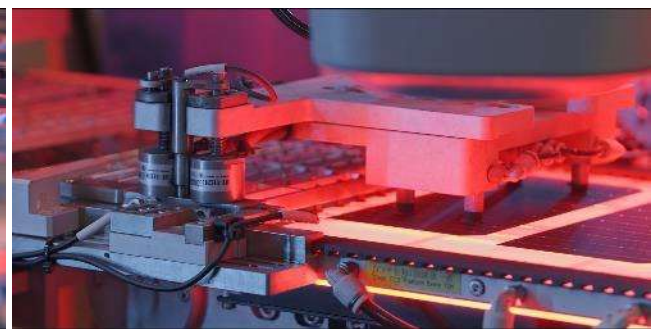
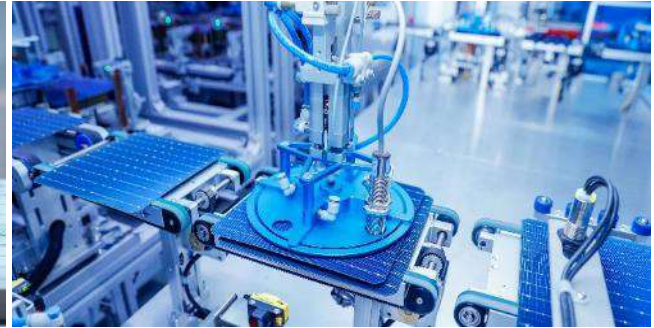
We are dedicated to promoting the continuous development of the PV industry by facilitating the rapid application of new technologies and processes to production.



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.



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.
- * Single glass provides a up to 20-year product warranty and a up to 30-year 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

Residential



C&I



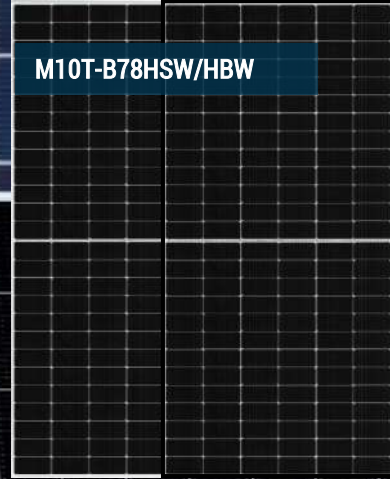
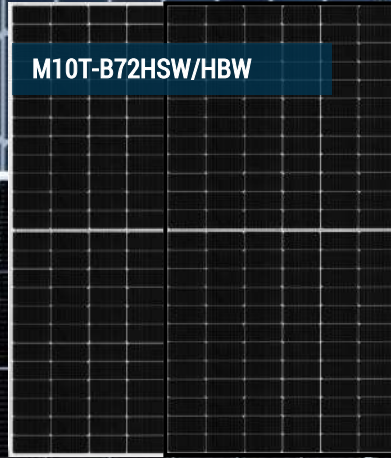
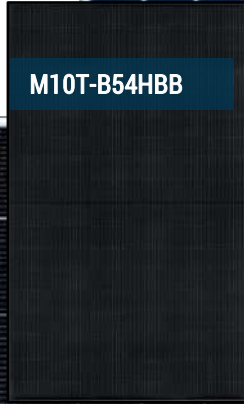
Utility



PV Roof



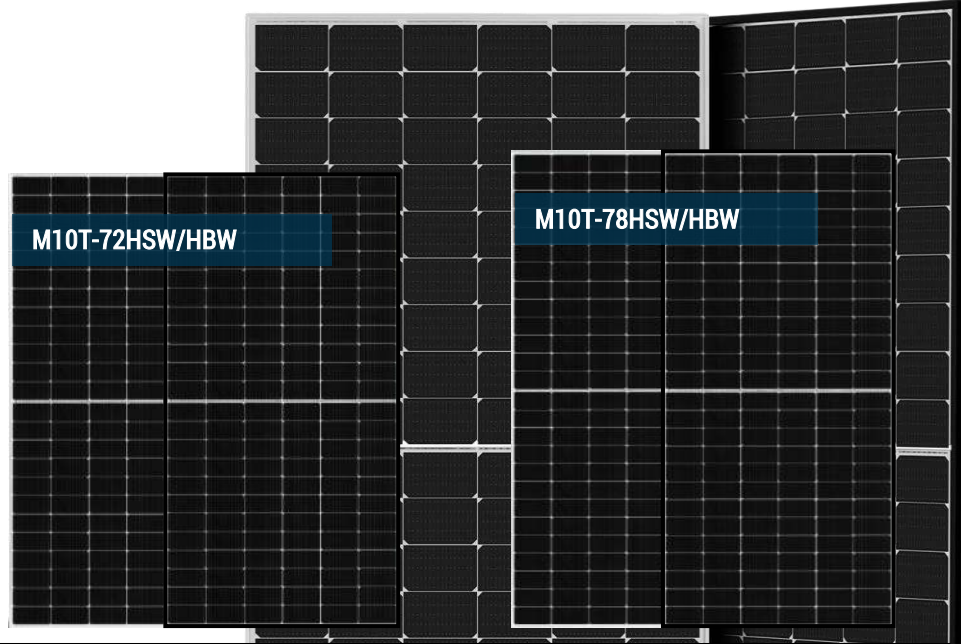
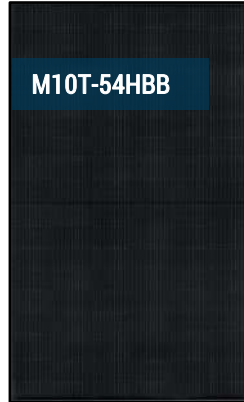
New N-type Solar Modules - Bifacial Dual Glass Series



M10T-B54 HSW/HBW	M10T-B54 HBB	M10T-B72 HSW/HBW	M10T-B78 HSW/HBW
White/Black Frame	Full Black	White/Black Frame	White/Black Frame
415Wp-430Wp	410Wp-425Wp	565Wp-580Wp	610Wp-625Wp
1722mm x 1134mm		2278mm x 1134mm	
25.1Kg		32Kg	
		35.5Kg	

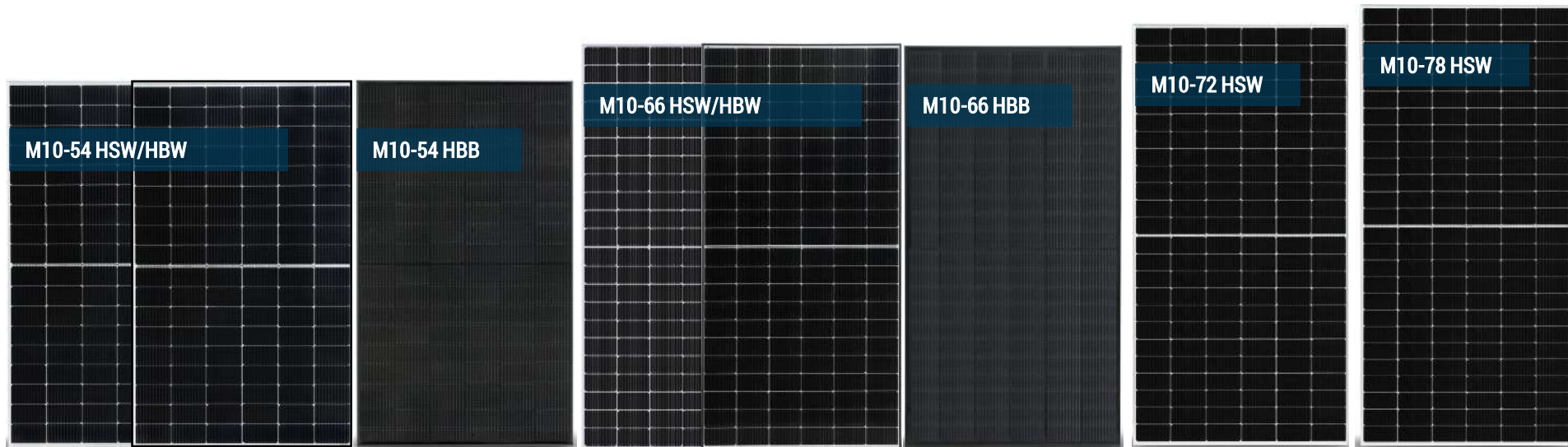
New N-type Solar Modules

- Mono-Facial Series



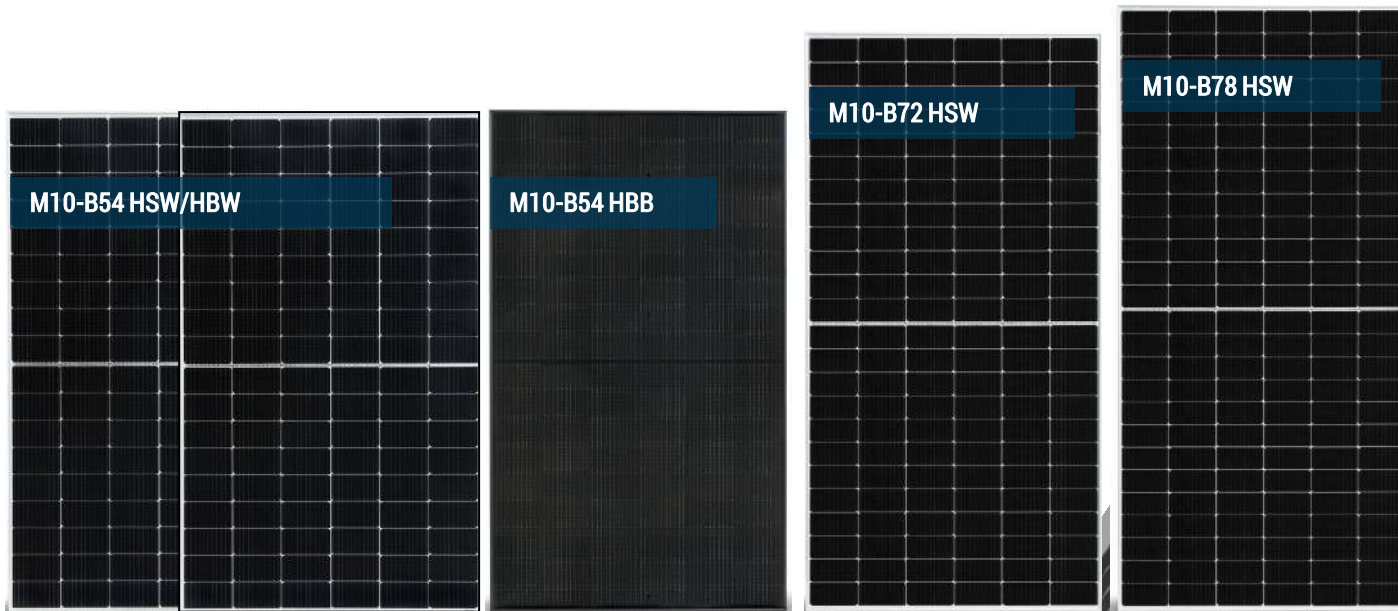
M10T-54 HSW/HBW	M10T-54 HBB	M10T-72 HSW/HBW	M10T-78 HSW/HBW
White/Black Frame	Full Black	White/Black Frame	White/Black Frame
415Wp-430Wp	410Wp-425Wp	570Wp-585Wp	615Wp-630Wp
1722mm x 1134mm		2278mm x 1134mm	2465mm x 1134mm
21.2Kg		28.7Kg	30.3Kg

High-efficiency Solar Modules – M10 Mono-Facial Series



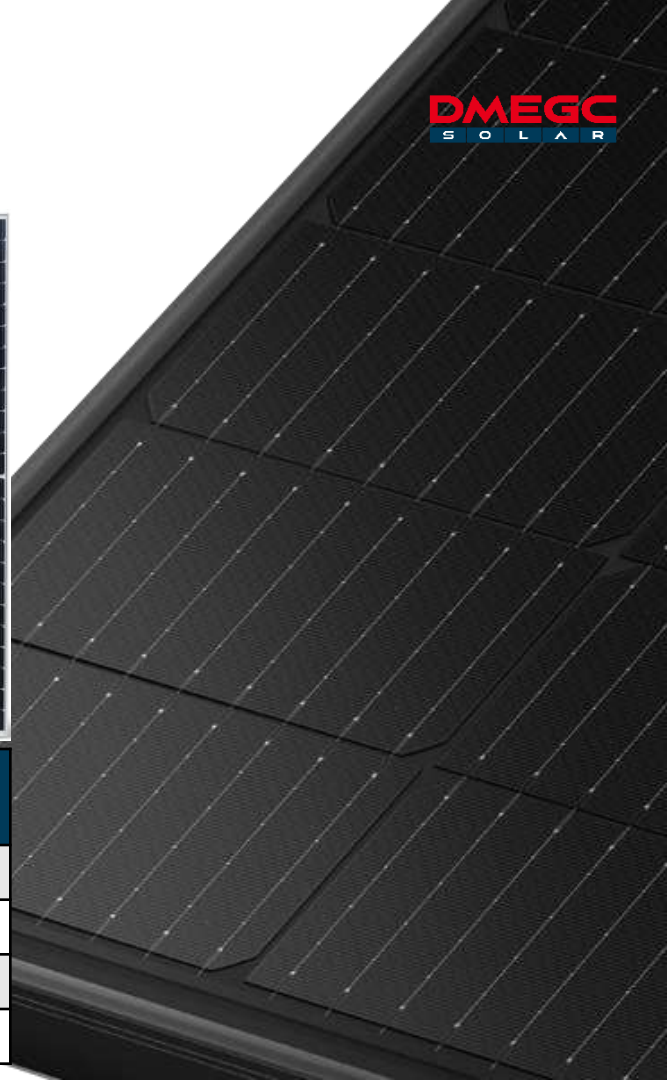
Module Series	M10-54 HSW	M10-54 HBW	M10-54 HBB	M10-66 HSW	M10-66 HBW	M10-66 HBB	M10-72 HSW	M10-78 HSW
Module Type	White	Black Frame	Full Black	White	Black Frame	Full Black	White	White
Power Range	400Wp-415Wp		395Wp-410Wp	495Wp-510Wp		490Wp-505Wp	540Wp-555Wp	585Wp-600Wp
Size	1722mm x1134mm			2094mm x 1134mm			2278mm x 1134mm	2465mm x 1134mm
Weight	20Kg			27kg			29Kg	31Kg

High-efficiency Solar Modules – M10 Bifacial Dual Glass Series



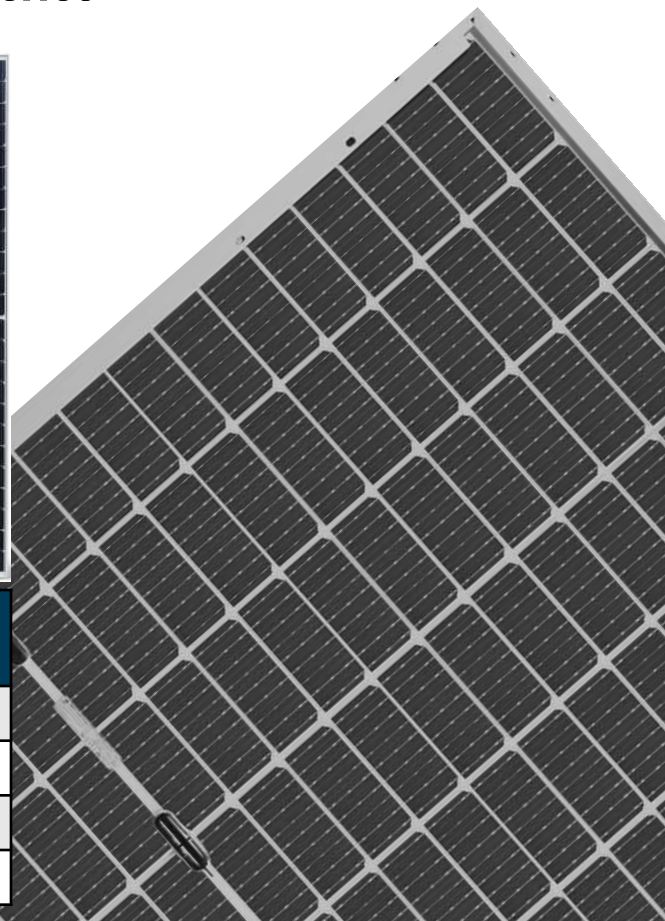
Module Series	M10-B54 HSW	M10-B54 HBW	M10-B54 HBB	M10-B72 HSW	M10-B78 HSW
Module Type	White	Black Frame	Full black	White	White
Power Range	395Wp-410Wp		390Wp-405Wp	535Wp-550Wp	580Wp-595Wp
Size	1722mm x 1134mm			2278mm x 1134mm	2465mm x 1134mm
Weight	25.1Kg			32.2Kg	35.1Kg

High-efficiency Solar Modules – M6 Mono-Facial Series



Module Series	M6-60 HSW	M6-60 HBW	M6-60 HBB	M6-72HSW
Module Type	White	Black Frame	Full Black	White
Power range	370Wp-385Wp		365Wp-380Wp	445Wp-460Wp
Size	1755mm x 1038mm			2094mm x 1038mm
Weight	21Kg			24.3kg

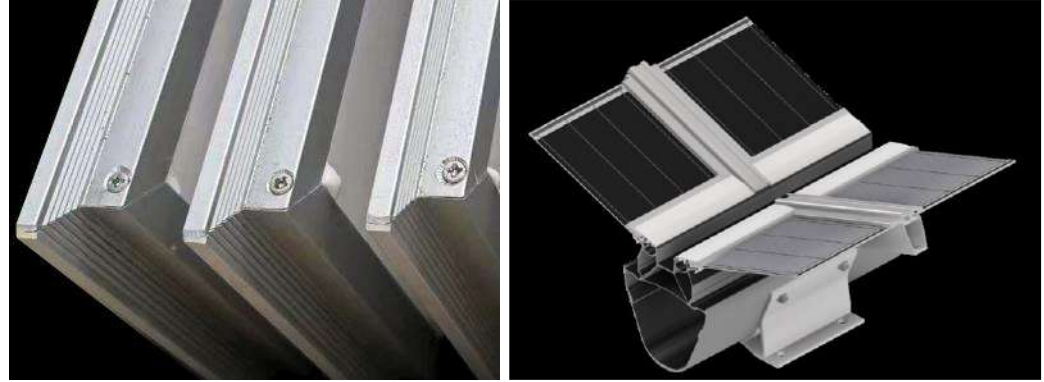
High-efficiency Solar Modules – M6 Bifacial Dual Glass Series



Module Series	M6-B60 HSW	M6-B60 HBW	M6-B60 HBB	M6-B72HSW
Module Type	White	Black Frame	Full black	White
Power Range	365Wp-380Wp		360Wp-375Wp	440Wp-455Wp
Size	1755mm x 1038mm			2094mm x 1038mm
Weight	24Kg			28.3kg

Greenhouse Series Modules

We have initiated the development of a roof construction for canopies that integrates the new Y-framed Greenhouse solar modules. This innovative design has made the construction process relatively simple and, consequently, cost-efficient.



Greenhouse



Carport

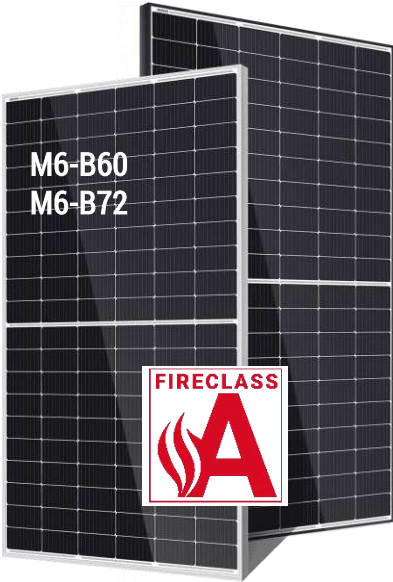
Agilent Technologies



Public Space

Fire Class A and Smart Modules

With high-quality double-glazed windows and excellent craftsmanship, our modules have successfully obtained certification for the highest fire rating: **Class: A.**



Our **smart module** is capable of optimizing the solar module, ensuring it always operates at its maximum output condition, down to the cell string level.



We obtained the world's first smart module certificate issued by TÜV SÜD

An aerial photograph of a large-scale solar farm. The solar panels are arranged in neat, parallel rows that follow the contours of a steep, green mountain slope. The background shows a range of mountains under a dramatic, cloudy sky with a warm, golden light, suggesting either sunrise or sunset. A small town is visible in the distance on the right side of the image.

We have developed and provided numerous products and solutions, successfully executing **various types of solar projects** in diverse conditions worldwide.



Utility



France 5MW



Netherlands 40MW



Netherlands 60MW



France 11MW



Utility



Netherlands 52MW



Netherlands 34MW



Dongyang China 25MW



Duchang China 10MW



Hengdian China 20MW



Netherlands 530KW



Hengdian China 6MW



Netherlands 530KW



Netherlands 340KW



Netherlands 500KW



France 9MW



Netherlands 500KW



 **Agilent Technologies**

Netherlands 132KW



DMEGC
SOLAR

Netherlands 27KW



Carport

Spain 8KW



Netherlands 1MW



Netherlands 30KW



DMEGC
S O L A R

Netherlands 5KW



Residential



Netherlands 10KW



Sihong China 15KW

Contact Us

DMEGC
SOLAR

HENGDIAN GROUP DMEGC MAGNETICS CO., LTD.

Add.: PV Zone, Hengdian, Dongyang, Zhejiang Province, China

Tel.: +86-579-86588601

E-mail: solar@dmegc.com.cn

Website: www.dmegcsolar.com

DMEGC Renewable Energy B.V.

Add.: Industrieweg 7, 2641 RM Pijnacker, The Netherlands

Tel: +31 15 369 3131

E-mail: info@dmegc.eu

DMEGC Germany GmbH

Add.: Kaiserleistraße 41-43 D-63067 Offenbach am Main

Tel.: +49 (0) 69 8008 8192

E-mail: info@dmegc.de

DMEGC Japan CO., Ltd.

Add.: Daiwa Jisho Mita Building 4F 3-5-21, Mita, Minato-Ku, Tokyo, 108-0073, Japan

Tel: +81(0)3 6722 6601

E-mail: info@dmegc.jp