



DMEGC SOLAR PRESENTS

LIGHT INSTALLATION, LIMITLESS ENERGY.

- Compact, lightweight, and easy-to-install design
- High flexibility and efficiency
- Durability and mechanical strength
- Sustainability and certifications
- Compatibility with repowering projects
- The ideal choice for installers
- Long-term warranty and proven reliability

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iNFINITY
DMxxxM10T-B32HBT

PERFORMANCE
WARRANTY

UP TO
30
YEARS

PRODUCT
WARRANTY

UP TO
25
YEARS

**WORLD'S FIRST
AGR-CERTIFIED
SOLAR MODULE**



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WITH US NOW



GLOBAL LEADER IN RENEWABLE ENERGY

DMEGC Solar combines 45 years of experience in developing high-efficiency, durable, and affordable solar modules. Custom solutions tailored to every market worldwide. We focus on a sustainable supply chain, resource efficiency, and environmental responsibility.

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DMxxxM10T-B32HBT

THE NEW BIFACIAL MODULE – DESIGNED FOR INSTALLERS.



DMEGC SOLAR PRESENTS

THE NEW DOUBLE GLASS MODULE – COMPACT, LIGHTWEIGHT, AND INSTALLER-FRIENDLY.

This year, DMEGC Solar is setting new standards with the latest innovation in its Infinity Series: the *DMxxxM10T-B32HBT* double glass module. It combines a compact format, low weight, and maximum installation convenience.

Designed for single-family homes and rooftops with limited space, the module impresses with a robust 2 x 2 mm glass structure, compact dimensions of 1542 x 766 x 30 mm, and a weight of just 15.3 kg. These features ensure easy handling, fast installation, and optimal roof space utilization. Equipped with advanced N-type TOC cell technology, the new module delivers top performance – paired with the proven quality and reliability of the Infinity Series.



1. Compact and installer-friendly design

Compared to conventional modules, which usually weigh between 22 and 25 kg and measure 1762 x 1134 mm, the new DMxxxM10T-B32HBT sets new standards in terms of installation convenience. With only 15 kg weight and a much more compact format, it redefines handling and installation comfort on the roof.

The lighter and smaller design not only makes everyday work easier – especially on existing single-family homes with limited space or demanding roof conditions – but also significantly reduces the physical strain on installers. This means more safety, efficiency, and long-term health for the professionals who drive the energy transition every day.

A special highlight: The module is the first of its kind to be certified by the Healthy Back Campaign (AGR e.V.). Supported by 150,000 doctors and therapists and recommended by the “Alliance Against Backache” of leading medical associations, this seal of approval underlines that DMEGC Solar combines innovative technology with a clear awareness of occupational safety and health.

Thanks to its low weight and compact design, the module can be installed safely and efficiently by both men and women – without unnecessary physical strain. This development illustrates that innovation at DMEGC Solar is not only focused on performance and efficiency but also places people at the center.

2. High flexibility and efficiency

With its compact dimensions, the DMxxxM10T-B32HBT offers exceptional flexibility and efficiency – ideal for urban homes and rooftops with limited space. Compared to typical 54-cell modules, it allows up to +2 kW higher installed PV capacity, thus maximizing roof utilization and increasing self-consumption. The result: more independence and lower electricity costs – sustainable and economical at the same time.

INFINITY DMxxxM10T-B32HBT	CONVENTIONAL MODULES
1542 x 766 x 30 mm	1762 x 1134 mm
15.3 kg	22 – 25 kg
2 x 2 mm robust glass structure	2 x 2 mm 2 x 1.6 mm

3. Durability and mechanical strength

The innovative design with optimized frame geometry ensures exceptional durability and gives the module high stability with load values of up to +8100 Pa pressure load and -4000 Pa suction load. This robustness ensures long-term reliability and resistance to extreme weather conditions such as snow and wind.

4. Sustainability and certifications

The module offers high performance while being produced in an environmentally friendly way and meets strict ESG standards. It is manufactured with PFAS-free components, has passed extensive long-term stress tests, and guarantees transparency and responsibility along the entire supply chain.

5. Seamless compatibility for repowering projects

With its length of around 1.6 meters, the module is perfectly compatible with older PV installations – ideal for replacing glass-foil modules with defects on the backsheet, thin-film modules, or for modernization after the end of system lifetime. Installers can easily and efficiently upgrade existing systems with the latest cell technology in a robust 2 mm double glass concept – including all reliability tests and quality advantages of the DMEGC Infinity Series.



6. The ideal choice for historical and protected buildings

In some European countries, including Austria, strict regulations limit the use of PV installations on historical buildings. This is exactly where the DMxxxM10T-B32HBT shows its strength: as several Austrian customers report, the compact module proves to be an ideal solution for listed properties. Thanks to its slim format, PV projects can be integrated discreetly and harmoniously into historical roof areas – even in sections with windows or architectural features. In several projects, heritage authorities explicitly approved installations where the installer-friendly DMEGC module combined functionality and aesthetics perfectly.

7. Long-term warranty and proven reliability

The product comes with a 25-year product warranty and a 30-year linear performance warranty – for long-term safety and reliability. The DMEGC DMxxxM10T-B32HBT combines compact dimensions, installer-friendly handling, certified high mechanical load capacity, comprehensive reliability tests, and repowering compatibility in one innovative solution. It offers installers a lighter and more ergonomic option while delivering higher yields, flexibility, and independence for both private households and commercial applications. Whether for new installations or modernization – this module is the smart, future-proof choice for all application areas.