

N-Type

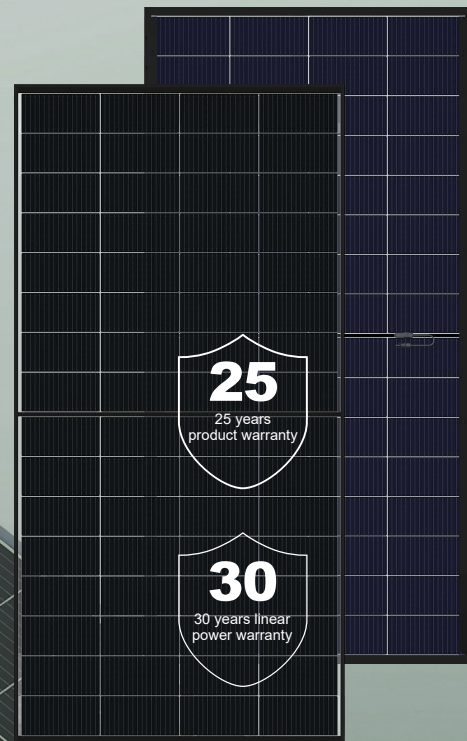
Bifacial Module designed for Carports, Greenhouses

GHxxxM10T-B32HBT/HST

255~270W

22.9%
Max. Efficiency

- **Leading manufacturing**
40+ years experience in high-tech manufacturing.
- **High environmental, social and governance responsibility (ESG)**
100% green production, transparent supply chain and excellent ESG rating in the solar industry.



German DIBt Approval (abZ)
Can be used for carports and overhead installations.

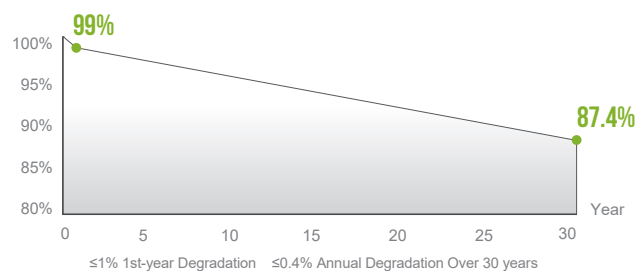


Installer Friendly Concept
Compact design for easier handling.



Green Product
Focus on circular economy - low carbon footprint, PFAS-free and recyclable components.

POWER WARRANTY



COMPANY MANAGEMENT SYSTEM

SA 8000: ILO Standards. Social responsibility standards
ISO 9001: Quality management system
ISO 14001: Environmental management system
ISO 45001: Occupational health and safety management system
ISO 50001: Energy management system
ISO 27001: Information security management system

PRODUCT CERTIFICATION

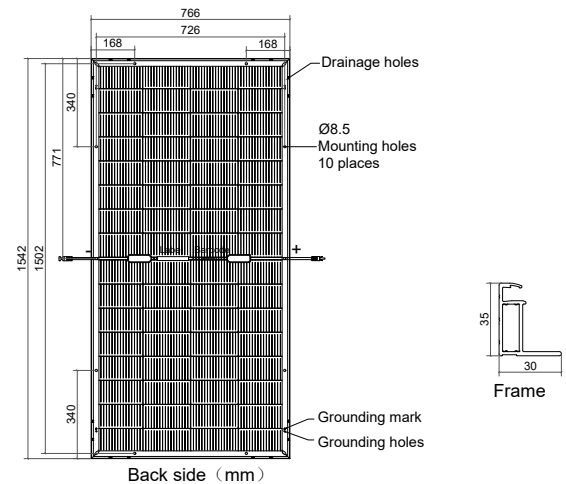
IEC 61215, IEC 61730
Ammonia Corrosion (IEC 62716)
Salt Mist Corrosion (IEC 61701)
LeTID (IEC TS 63342)



GHxxxM10T-B32HBT/HST

Module Specification

Cell Type	N type Mono-crystalline, 64(4x16)
Dimensions (mm)	1542x766x35
Weight (kg)	15.9
Front Cover	2 mm semi-tempered with anti-reflective coating
Rear Cover	2 mm semi-tempered glass
Junction Box	2 Diodes, IP68 according to IEC 62790
Output Cables (Including Connector)	4mm ² / 1100mm (+)/1100mm(-) Length can be customized
Connector Type	PV-ZH202B or MC4-EVO 2A (1500V)



Electrical Specifications¹

Module Type	GH255M10T-B32HBT		GH260M10T-B32HBT		GH265M10T-B32HBT		GH270M10T-B32HBT	
Testing Condition	STC ²	NMOT ³	STC	NMOT	STC	NMOT	STC	NMOT
Maximum Power (P _{max} /W)	255	192	260	196	265	199	270	203
Maximum Power Current (I _{mp} /A)	13.11	10.54	13.19	10.60	13.28	10.67	13.36	10.74
Maximum Power Voltage (V _{mp} /V)	19.46	18.20	19.72	18.44	19.98	18.68	20.24	18.93
Short-circuit Current (I _{sc} /A)	13.87	11.23	13.95	11.30	14.04	11.37	14.12	11.44
Open-circuit Voltage (V _{oc} /V)	23.26	21.90	23.52	22.14	23.78	22.39	24.04	22.63
Module Efficiency STC (%)	21.6		22.0		22.4		22.9	

¹ Measurements according to IEC 60904-3, Measurement tolerance: I_{sc}: ±4%, V_{oc}: ±3%, Test uncertainty for P_{max}: ±3%, Bifaciality: 80%±5%

² STC (Standard Test Condition): Irradiance 1000W/m², Module temperature 25°C, AM=1.5

³ NMOT: Radiation 800W/m², Ambient temperature 20°C, AM=1.5, Wind Speed 1m/s

Electrical Specifications¹ (BNPI²)

Nameplate Power (W)	255	260	265	270
Maximum Power (P _{max} /W)	282	287	293	298
Maximum Power Current (I _{mp} /A)	14.46	14.56	14.65	14.74
Maximum Power Voltage (V _{mp} /V)	19.48	19.74	20.00	20.26
Short-circuit Current (I _{sc} /A)	15.25	15.35	15.44	15.53
Open-circuit Voltage (V _{oc} /V)	23.26	23.52	23.78	24.04

¹ Measurements according to IEC 60904-3, Measurement tolerance: I_{sc}: ±4%, V_{oc}: ±3%, Test uncertainty for P_{max}: ±3%

² BNPI: Front radiation 1000W/m², Rear radiation 135W/m², Module temperature 25°C, AM=1.5

Temperature Characteristics

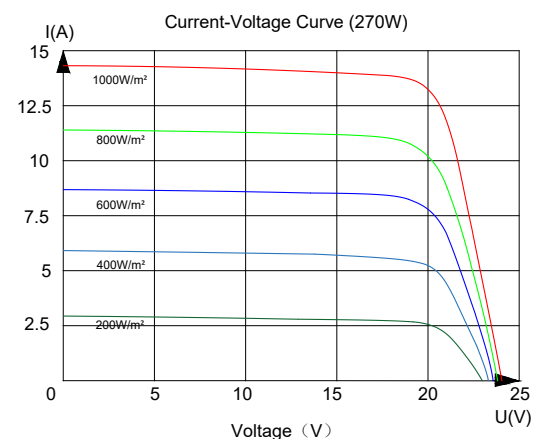
Nominal Module Operating Temperature (NMOT)	42±2 °C
Temperature Coefficient of P _{max} (%/°C)	-0.29
Temperature Coefficient of V _{oc} (%/°C)	-0.25
Temperature Coefficient of I _{sc} (%/°C)	+0.048

Packaging

Container	40HQ
Pallet Dimensions (mm)	1590x1140x888
Pieces per Pallet	31 and 31+10
Pieces per Container	1008

Operating conditions

Operating Temperature (°C)	-40 to +85
Maximum System Voltage (V)	1500 DC (IEC)
Overcurrent Protection Rating (A)	30
Power Output Tolerance (%)	0~3%
Protection Class	Class II
Max. Test Load, Push/Pull (Pa)	Front 6000 / Back 3000
Max. Design Load, Push/Pull (Pa)	Front 4000 / Back 2000



Hengdian Group DMEGC Magnetics Co.,Ltd.
Add: Hengdian Industrial Zone, Dongyang City Zhejiang Province, China 322118
Tel: 0086-579-8658-8826 E-mail: greenhouse@dmegc.com.cn Website: www.dmegcsolar.com

DMEGC Renewable Energy B.V.
Add: Industrieweg 2, 2641 RM Pijnacker, Nederlande
Tel: +31 (0) 85 8200765 E-mail: contact@dmegc.eu

Statement: The installation instructions and the warranty conditions must be followed. Due to technological progress, product parameters will be adjusted accordingly. When signing the contract, the latest data of the company shall prevail. All information in this data sheet corresponds to EN 50380.Changes and errors excepted. Document. EN DS-M10T-B32HBT/HST-20250728.

©DMEGC 2025 – All Rights Reserved