

iNFINITY

N-Type

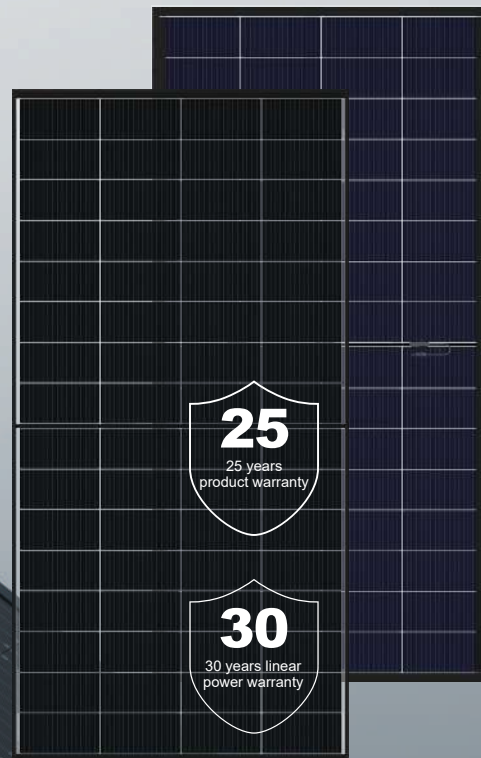
Bifacial Module With Double Glass

DMxxxM10T-B32HBT

250~265W

22.4%
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.



Installer Friendly Concept

Compact design for easier handling.



Expanded PV Layup

High flexibility especially for tiny part of roofs.



Perfect Residential Solution

Infinity power up to 229 W/m².



Strong mechanical strength & durability

8100Pa certified by TUV Rheinland.

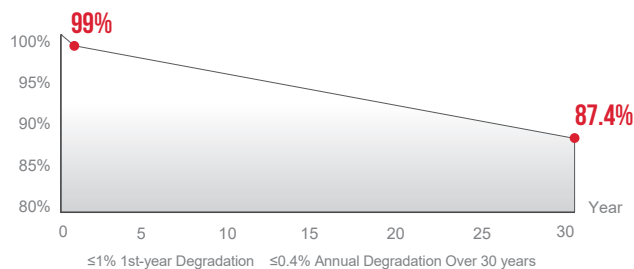
COMPANY MANAGEMENT SYSTEM

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

POWER WARRANTY



Warranty partner

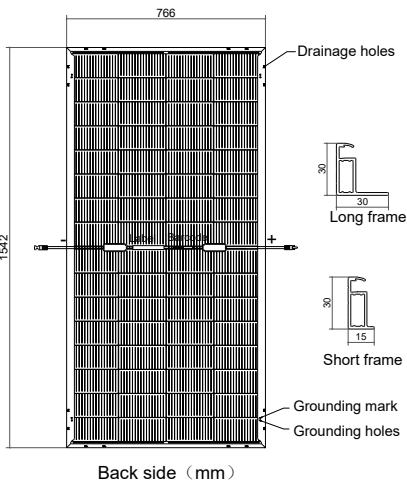


DMxxxM10T-B32HBT



Module Specification

Cell Type	N type Mono-crystalline, 64 (4x16)
Dimensions (mm)	1542x766x30
Weight (kg)	15.3
Front Cover	2 mm heat strengthened glass
Rear Cover	2 mm heat strengthened glass
Junction Box	2 Diodes, IP68 according to IEC 62790
Cables	4mm ² / 1100mm (+)/1100mm(-) or Customized
Connector Type	Stäubli: PV-KST4-EVO2/xy_UR, PV-KBT4-EVO2/xy_UR, PV-KST4-EVO2A/xy, PV-KBT4-EVO2A/xy



Electrical Specifications¹

Module Type	DM250M10T-B32HBT		DM255M10T-B32HBT		DM260M10T-B32HBT		DM265M10T-B32HBT	
Testing Condition	STC ²	BNPI ³	STC ²	BNPI	STC	BNPI	STC	BNPI
Maximum Power (Pmax/W)	250	276	255	281	260	286	265	292
Maximum Power Current (Imp/A)	13.08	14.35	13.11	14.46	13.19	14.56	13.28	14.65
Maximum Power Voltage (Vmp/V)	19.13	19.03	19.46	19.48	19.72	19.74	19.98	20.00
Short-circuit Current (Isc/A)	13.78	15.16	13.85	15.23	13.91	15.30	13.98	15.38
Open-circuit Voltage (Voc/V)	23.00	23.05	23.24	23.29	23.48	23.53	23.56	23.77
Module Efficiency STC (%)	21.2		21.6		22.0		22.4	

¹ Measurements according to IEC 60904-3, Measurement tolerance: Isc: ±4%, Voc: ±3%, Test uncertainty for Pmax: ±3%, Bifaciality: φPmax:80±5%; φVoc:100±3%; φIsc:80±5%

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

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



BIFACIAL OUTPUT - REARSIDE POWER GAIN

10 %	Pmax (STC)	275	281	286	292
20 %	Pmax (STC)	300	306	312	318
30 %	Pmax (STC)	325	332	338	345



Temperature Characteristics

Nominal Module Operating Temperature (NMOT)	42±2 °C
Temperature Coefficient of Pmax (%/°C)	-0.29
Temperature Coefficient of Voc (%/°C)	-0.25
Temperature Coefficient of Isc (%/°C)	+0.048



Packaging

Container	40HQ
Pallet Dimensions (mm)	1590x1140x888
Pieces per Pallet	36
Pieces per Container	1008
Country of Manufacture	China



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Operating conditions

Operating Temperature (°C)	-40 to +70
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 8100 / Back 4000.5
Max. Design Load, Push/Pull (Pa)	Front 5400/ Back 2667
Fire Rating Class	IEC Class C

