

iNFINITY RT

N-type

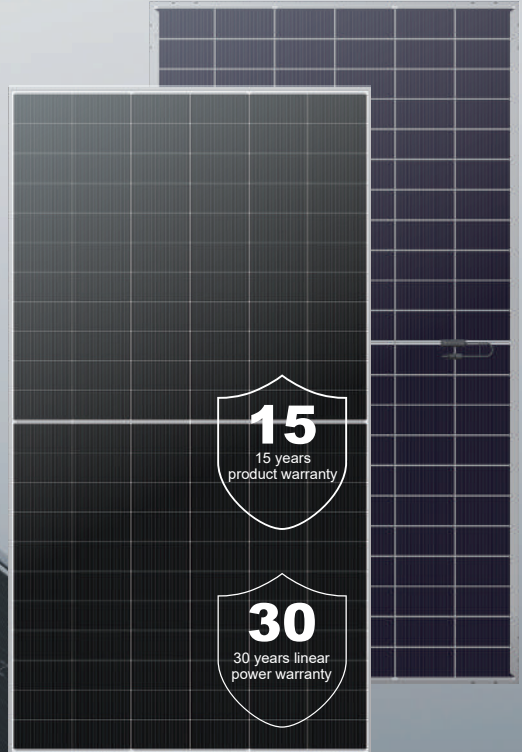
Bifacial Module with Double Glass

DMxxxG12RT-B66HSW

610~635W

23.5%
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.



Top Choice For Project Applications

Improved IRR with shorter amortisation time, reduced LCOE (Levelised Cost of Energy) and lower BOS (Balance of System) costs.



Extended Stress Tests

Protection against harsh environmental conditions Certified by TÜV Rheinland.



Green Product

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

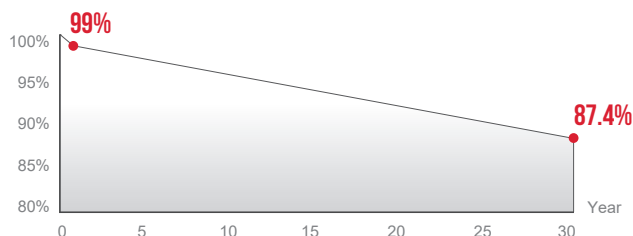
COMPANY MANAGEMENT SYSTEM

- 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



≤1% 1st-year Degradation ≤0.4% Annual Degradation Over 30 years
Performance warranty terms only apply to the front-side (STC) performance



Warranty partner



DMxxxG12RT-B66HSW

Module Specification

Cell Type	N type Mono-crystalline, 132(6×22)
Dimensions (mm)	2382×1134×30
Weight (kg)	32.3
Front Cover	2mm heat strengthened glass, Anti-reflective coating
Rear Cover	2mm heat strengthened glass
Junction Box	3 Diodes, IP68 according to IEC 62790
Output Cables (Including Connector)	4mm ² /Portrait: 300mm (+)/200mm (-) Landscape: 1400mm(+)/1400mm(-) Length can be customized
Connector Type	Sunter: PV-ZH202B; Stäubli: PV-KST4-EVO2/xy_UR, PV-KBT4-EVO2/xy_UR, PV-KST4-EVO2A/xy, PV-KBT4-EVO2A/xy;

Electrical Specifications¹

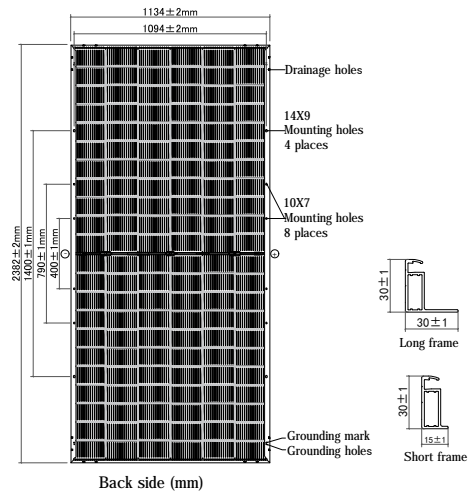
Module Type	DM610G12RT-B66HSW		DM615G12RT-B66HSW		DM620G12RT-B66HSW		DM625G12RT-B66HSW		DM630G12RT-B66HSW		DM635G12RT-B66HSW	
	STC ²	BNPI ³	STC	BNPI	STC	BNPI	STC	BNPI	STC	BNPI	STC	BNPI
Maximum Power (Pmax/W)	610	674	615	680	620	685	625	691	630	696	635	702
Maximum Power Current (Imp/A)	15.09	16.65	15.15	16.72	15.20	16.77	15.25	16.83	15.30	16.89	15.35	16.94
Maximum Power Voltage (Vmp/V)	40.45	40.50	40.65	40.70	40.85	40.90	41.05	41.10	41.25	41.30	41.45	41.50
Short-circuit Current (Isc/A)	15.99	17.59	16.05	17.66	16.11	17.72	16.17	17.79	16.23	17.86	16.29	17.92
Open-circuit Voltage (Voc/V)	48.69	48.70	48.89	48.90	49.09	49.10	49.29	49.30	49.49	49.50	49.69	49.70
Short-circuit Current @BSI ⁴ (A)	19.73		19.81		19.88		19.95		20.03		20.10	
Module Efficiency STC (%)	22.6		22.8		23.0		23.1		23.3		23.5	

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

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

³ BNPI: Ef=1000W/m², Er=135W/m², AM1.5, Tc=25°C

⁴ BSI: Ef=1000W/m², Er=300W/m², AM1.5, Tc=25°C



BIFACIAL OUTPUT - REAR SIDE POWER GAIN

	10%	Pmax (STC)	671	677	682	688	693	699
20%	Pmax (STC)	732	738	744	750	756	762	
30%	Pmax (STC)	793	800	806	813	819	826	

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

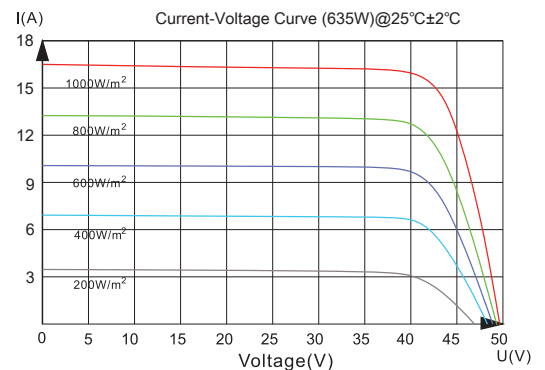
Packaging

Container	40HQ
Pallet Dimensions (mm)	2396×1140×1250
Pieces per Pallet	36
Pieces per Container	720
Country of Manufacture	China

Operating Conditions

Operating Temperature (T98) (°C)	-40 to +70
Maximum System Voltage (V)	1500 DC(IEC)
Overcurrent Protection Rating (A)	30
Power Output Sorting Tolerance (%)	0~3
Protection Class	Class II
Max. Test Load, Push/Pull (Pa) ⁵	+5400 / -3600
Max. Design Load, Push/Pull (Pa) ⁵	+3600 / -2400
Fire Rating Class	Class C according to UL790

⁵The loading values will change according to different installing methods, please see installation manual for instructions.



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

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-G12RT-B66HSW-20251223.

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