DMEGC SOLAR

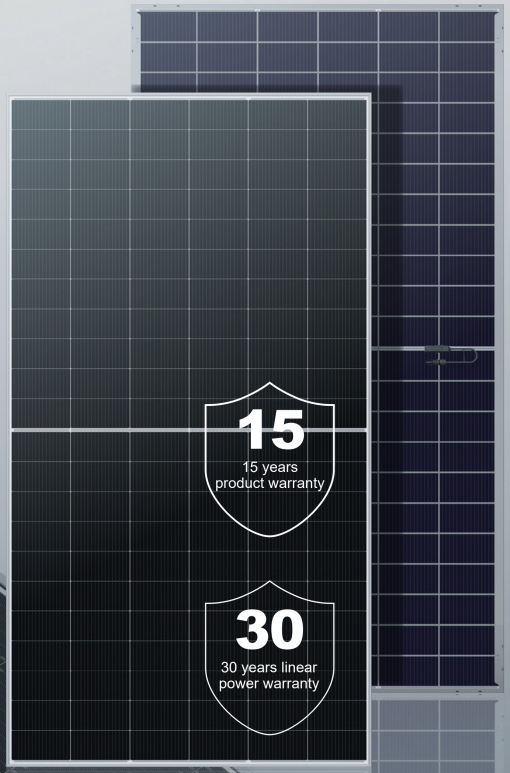
TIER 1 Bloomberg NEW ENERGY FINCE

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 times, reduced LCOE (Levelised Cost Of Energy) and lower BOS (Balance of System) costs.

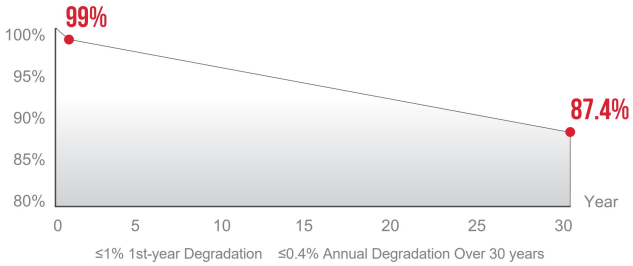
Extended stress tests

Protection against harsh environmental conditions certified by TÜV Rheinland.

Green product

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

POWER WARRANTY



≤1% 1st-year Degradation ≤0.4% Annual Degradation Over 30 years

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

PRODUCT CERTIFICATION

IEC 61215, IEC 61730
Extended-Stress (IEC TS 63209)
Ammonia Corrosion (IEC 62716)
Salt Mist Corrosion (IEC 61701)
LeTID (IEC TS 63342)
Dust & Sand (IEC 60068)

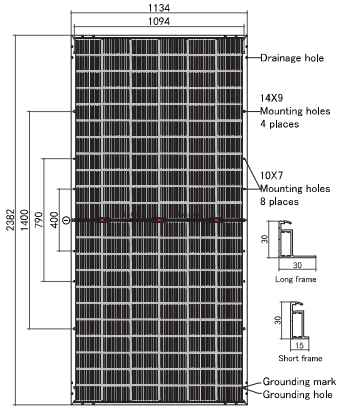
SolarPower Europe

A member of HengdianGroup

DMxxxG12RT-B66HSW

Module Specification

Celle Type	N type Mono-crystalline，132（6×22）
Dimensions (mm)	2382x1134x30
Weight (kg)	32.3
Front Cover	2 mm heat strengthened glass
Rear Cover	2 mm heat strengthened glass
Junction Box	3 Diodes , IP68 according to IEC 62790
Cables	4mm²/Portrait: 350mm (+)/250mm(-) Landscape: 1300mm(+)/1300mm(-) Length can be customized
Connector Type	PV-ZH202B or MC4-EVO 2A (1500V)



Back side (mm)

Electrical Specifications[1]

Module Type	DM610G12RT-B66HSW		DM615G12RT-B66HSW		DM620G12RT-B66HSW		DM625G12RT-B66HSW		DM630G12RT-B66HSW		DM635G12RT-B66HSW	
Testing Condition	STC[2]	NMOT[3]	STC	NMOT	STC	NMOT	STC	NMOT	STC	NMOT	STC	NMOT
Maximum Power (Pmax/W)	610	465	615	469	620	472	625	476	630	480	635	484
Maximum Power Current (Imp/A)	15.09	12.26	15.15	12.31	15.20	12.35	15.25	12.39	15.30	12.43	15.35	12.47
Maximum Power Voltage (Vmp/V)	40.45	37.95	40.65	38.14	40.85	38.33	41.05	38.52	41.25	38.70	41.45	38.89
Short-circuit Current (Isc/A)	15.99	12.89	16.05	12.94	16.11	12.99	16.17	13.03	16.23	13.08	16.29	13.13
Open-circuit Voltage (Voc/V)	48.69	46.86	48.89	47.05	49.09	47.25	49.29	47.44	49.49	47.63	49.69	47.82
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 %
[2] STC (Standard Test Condition): Radiation 1000 W/m², Module temperature 25℃, AM = 1.5
[3] NMOT: Radiation 800 W/m², ambient temperature 20℃, AM = 1.5, Wind Speed 1 m/s

BIFACIAL OUTPUT-REARSIDE 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

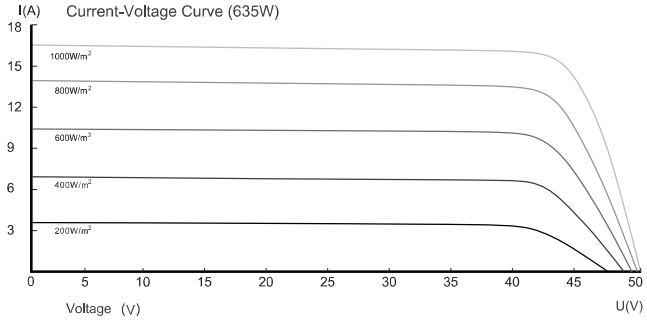
Nominal Module Operating Temperature (NMOT)	42±2℃
Temperature Coefficient of Pmax (%/℃)	-0.29
Temperature Coefficient of Voc (%/ ℃)	-0.25
Temperature Coefficient of Isc (%/℃)	+0.048

Packaging

Container	40HQ
Pallet Dimensions(mm)	2396x1140x1250
Pieces per Pallet	36
Pieces per Container	720

Operating conditions

Operating Temperature (℃)	-40 to +85
Maximum System Voltage(V)	1500 V DC （IEC）
Overcurrent protection rating (A)	30
Power Output Tolerance (%)	0~3%
Protection class	II
Max. Test Load, Push/Pull (Pa)	Snow 5400 / Wind 2400
Max. Design Load, Push/Pull (Pa)	3600 / 1600



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