

EM-N66MRT 605-625

**BIFACIAL MODULE WITH
DUALGLASS**
N-TYPE

POSITIVE POWER TOLERANCE

IEC61215(2021), IEC61730(2023)

ISO9001:2015: Quality Management System

ISO14001:2015: Environment Management System

ISO45001:2018: Occupational health and safety management systems

KEY FEATURES



SMBB technology

Better current collection to improve module power output and reliability.



Low attenuation technology

Lower LID / LETID attenuation with high reliable N-type module



Bifacial power generation

Power generation can reach up to 25% maximum, significantly improving power generation gain and reducing LCOE.



Excellent temperature coefficient

Ensure high power generation in low temperature areas.

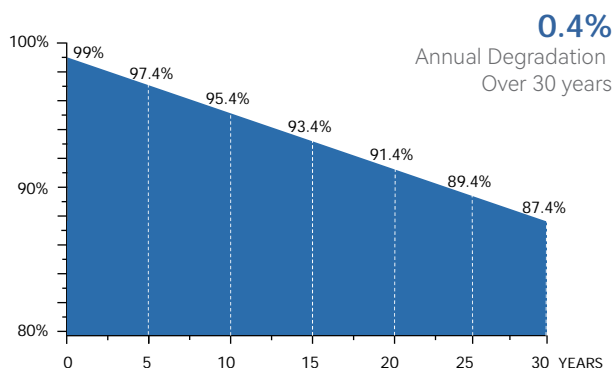


Anti-PID technology

Excellent Anti-PID performance via highly reliable cell and material technology



LINEAR PERFORMANCE WARRANTY



15
YEARS

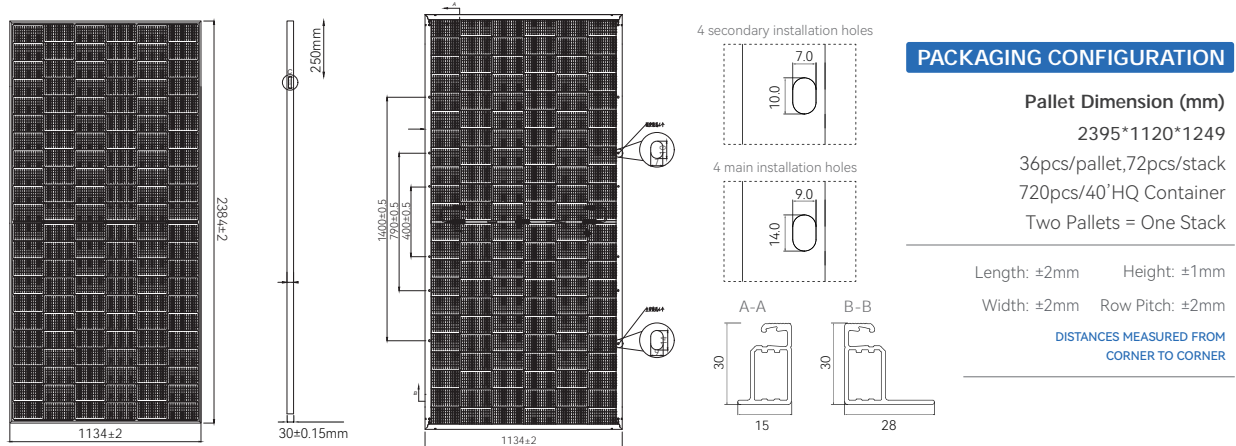
Year Product Warranty

30
YEARS

Year Linear Power Warranty



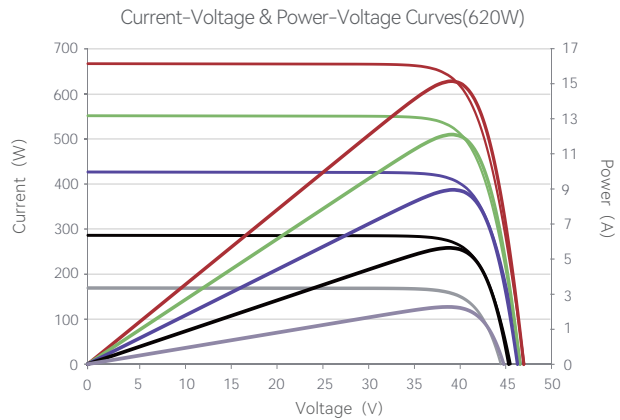
ASSEMBLY DRAWING



Mechanical Characteristics

Cell Type	N type Mono-crystalline
No. of cells	132 (6×22)
Dimensions	2382×1134×30mm
Weight	27.9kg
Front Glass	2.0mm, Anti-Reflection Coating
Back Glass	2.0mm, Glazed glass
Frame	Anodized Aluminium Alloy
Junction Box	IP68 Rated
Output Cables	TUV 1×4.0mm ² (+): 300mm, (-): 200mm or Customized Length

Electrical Performance & Temperature Dependence



MODULE TYPE	EM-N66MRT605		EM-N66MRT610		EM-N66MRT615		EM-N66MRT620		EM-N66MRT625	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax)	605Wp	458Wp	610Wp	462Wp	615Wp	466Wp	620Wp	470Wp	625Wp	473 Wp
Maximum Power Voltage (Vmp)	40.5V	38.57V	40.8V	38.86V	41.1V	39.14V	41.4V	39.43V	41.6V	39.62V
Maximum Power Current (Imp)	14.93A	11.94A	14.96A	11.97A	14.98A	11.98A	14.99A	11.99A	15.0A	12.0A
Open-circuit Voltage (Voc)	48.7V	45.94V	49.0V	46.23V	49.3V	46.51V	49.6V	46.79V	49.8V	46.98V
Short-circuit Current (Isc)	15.83A	12.77A	15.86A	12.79A	15.89A	12.81A	15.91A	12.83A	15.93A	12.85A
Module Efficiency STC (%)	22.4%		22.58%		22.77%		22.95%		23.14%	
Operating temperature(°C)	-40°C~+85°C									
Maximum system voltage	1500VDC (IEC)									
Maximum series fuse rating	30A									
Power tolerance	0~+5W									
Temperature coefficients of Pmax	-0.29%/°C									
Temperature coefficients of Voc	-0.25%/°C									
Temperature coefficients of Isc	0.046%/°C									
Nominal operating cell temperature (NOCT)	44°C±2°C									

STC : Irradiance : 1000W/m² Cell Temperature : 25°C AM=1.5

NOCT : Irradiance : 800W/m² Ambient Temperature : 20°C AM=1.5 Wind Speed 1m/s