

EM-N66MBJ02

605-625

BIFACIAL MODULE WITH
DUALGLASS

N-TYPE

0~+5W

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.



Bifacial power generation

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



Anti-PID technology

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



Low attenuation technology

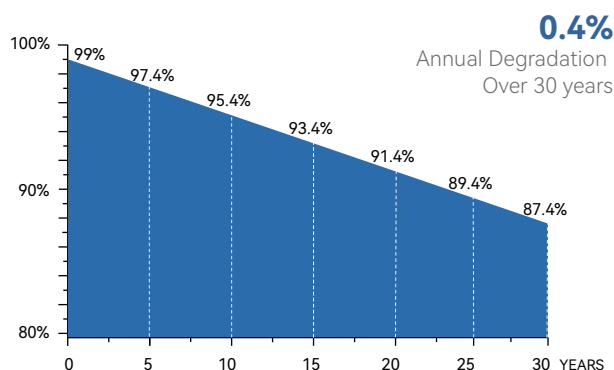
Lower LID / LETID attenuation with high reliable N-type module



Excellent temperature coefficient

Ensure high power generation in low temperature areas.

LINEAR PERFORMANCE WARRANTY

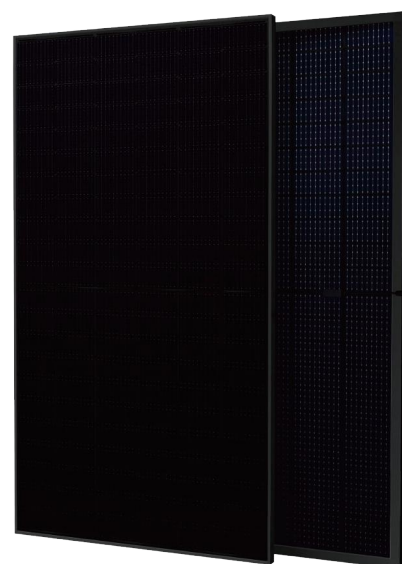


15
YEARS

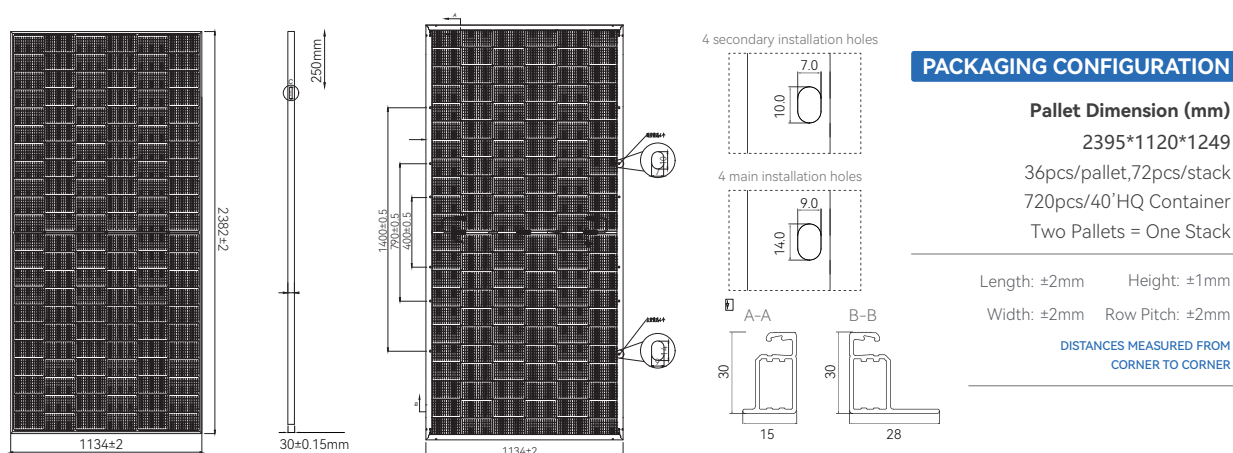
Year Product
Warranty

30
YEARS

Year Linear
Power Warranty



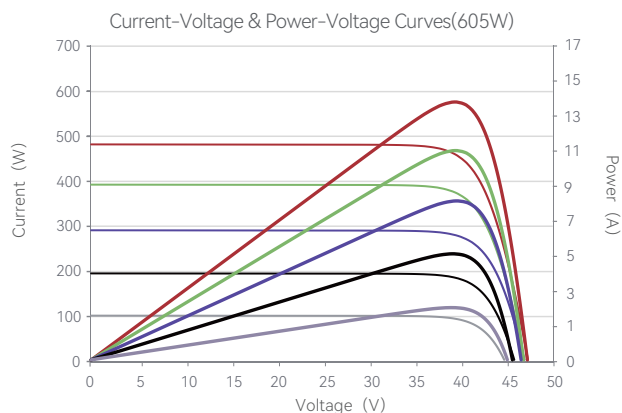
ASSEMBLY DRAWING



Mechanical Characteristics

Cell Type	N type Mono-crystalline
No. of cells	132 (6×22)
Dimensions	2382×1134×30mm
Weight	33kg
Front Glass	2.0mm, Anti-Reflection Coating
Back Glass	2.0mm, Semi-tempered 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-N66MBJ02605		EM-N66MBJ02610		EM-N66MBJ02615		EM-N66MBJ02620		EM-N66MBJ02625	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax)	605Wp	458Wp	610Wp	462Wp	615Wp	466Wp	620Wp	470Wp	625Wp	474Wp
Maximum Power Voltage (Vmp)	40.80V	38.9V	40.80V	38.9V	41.10V	39.1V	41.40V	39.4V	41.70V	39.6V
Maximum Power Current (Imp)	14.83A	11.87A	14.96A	11.97A	14.98A	11.98A	14.99A	11.99A	15.0A	12.0A
Open-circuit Voltage (Voc)	49.11V	46.3V	49.00V	46.2V	49.30V	46.5V	49.60V	46.8 V	49.90V	47.1V
Short-circuit Current (Isc)	15.73A	12.69A	15.86A	12.79A	15.89A	12.81A	15.91A	12.83A	15.93A	12.85A
Module Efficiency STC (%)	22.01%		22.19%		22.38%		22.56%		22.75%	
Operating temperature(°C)	-40°C~+85°C									
Maximum system voltage	1500VDC (IEC)									
Maximum series fuse rating	25A									
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