

EM-N66MC02

695-715

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.



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

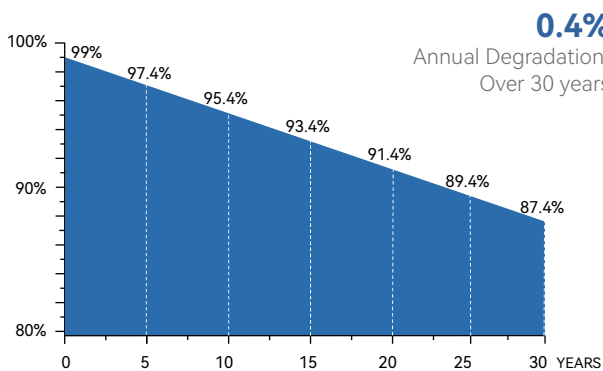
Ensure high power generation in low temperature areas.



Anti-PID technology

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

LINEAR PERFORMANCE WARRANTY



15
YEARS

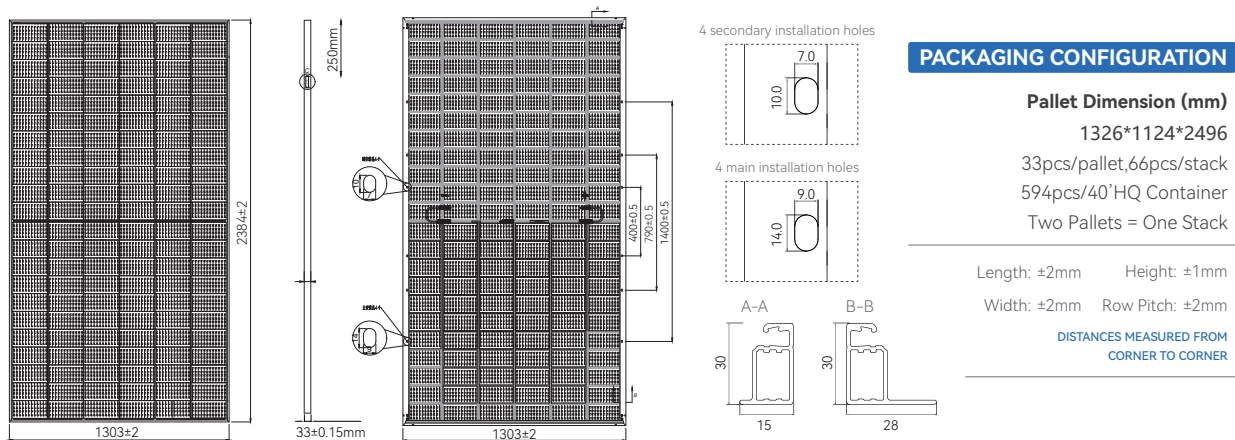
Year Product Warranty

30
YEARS

Year Linear Power Warranty



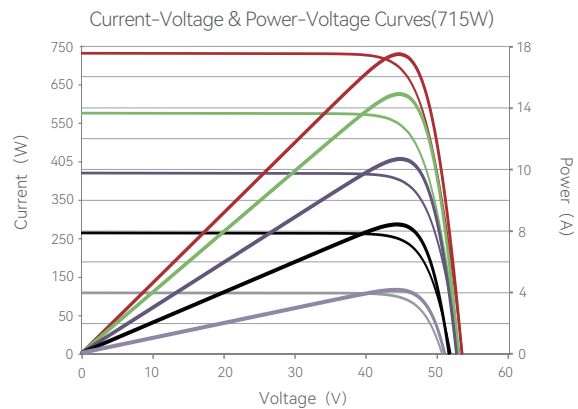
ASSEMBLY DRAWING



Mechanical Characteristics

Cell Type	N type Mono-crystalline
No. of cells	132 (6×22)
Dimensions	2382×1303×33mm
Weight	35.3kg
Front Glass	2.0mm, Anti-Reflection Coating
Back Glass	2.0mm, Glazed glass
Frame	Anodized Aluminium Alloy
Junction Box	IP68 Rated
Output Cables	TÜV 1×4.0mm ² (+): 300mm, (-): 200mm or Customized Length

Electrical Performance & Temperature Dependence



MODULE TYPE	EM-N66MC02695		EM-N66MC02700		EM-N66MC02705		EM-N66MC02710		EM-N66MC02715	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax)	695Wp	527Wp	700Wp	530Wp	705Wp	534Wp	710Wp	538Wp	715Wp	542Wp
Maximum Power Voltage (Vmp)	39.8V	37.9V	40.0V	38.1V	40.2V	38.29V	38.48V	40.51V	40.6V	38.67V
Maximum Power Current (Imp)	17.47A	13.98A	17.51A	14.01A	17.55A	14.04A	14.07A	13.45A	17.63A	14.1A
Open-circuit Voltage (Voc)	47.7V	45.0V	47.9V	45.19V	48.1V	45.38V	48.3V	45.57V	48.5V	45.75V
Short-circuit Current (Isc)	18.44A	14.87A	18.49A	14.91A	18.54A	14.95A	14.99A	14.2A	18.64A	15.03A
Module Efficiency STC (%)	22.37%		22.53%		22.70%		22.86%		23.02%	
Operating temperature(°C)	-40°C~+85°C									
Maximum system voltage	1500VDC (IEC)									
Maximum series fuse rating	35A									
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