









III SERIES M6

SOLAR WAY ,SHINING LIFE !

NB-485~500W-BMZ



M6 MODULE ADVANTAGE

-  Multi-main gate technology
-  Superior load capacity
-  High module conversion efficiency
-  Excellent low-light performance
-  Low attenuation long warranty
-  Low BOS and KWH cost
-  Reduce heat spot effect
-  Higher bifacially

QUALITY SYSTEM

ISO9001 / ISO14001 / ISO45001

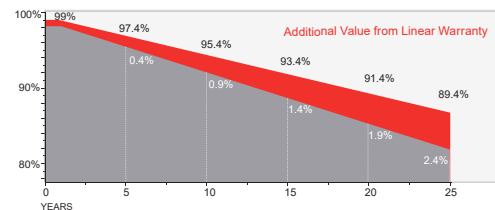
PRODUCT CERTIFICATION



INSURANCE



WARRANTY



Guarantee on product material and workmanship



Linear power output warranty



Electrical Characteristics

Module Type	NB-485-BMZ-HV	NB-490-BMZ-HV	NB-495-BMZ-HV	NB-500-BMZ-HV
	STC	STC	STC	STC
Maximum Power at STC (Pmp)	485	490	495	500
Open Circuit Voltage (Voc)	53.80	54.16	54.50	54.88
Short Circuit Current (Isc)	10.91	10.94	10.98	11.02
Maximum Power Voltage (Vmp)	44.46	44.76	45.06	45.36
Maximum Power Current (Imp)	11.40	11.44	11.47	11.51
Module Efficiency at STC(%)	20.7	20.9	21.1	21.3
Power Tolerance	(0, +4.99W)			
Maximum System Voltage	1500V DC			
Maximum Series Fuse Rating	25 A			

STC: Irradiance 1000 W/m² module temperature 25°C AM=1.5
Power measurement tolerance: +/-3%

Temperature Characteristics

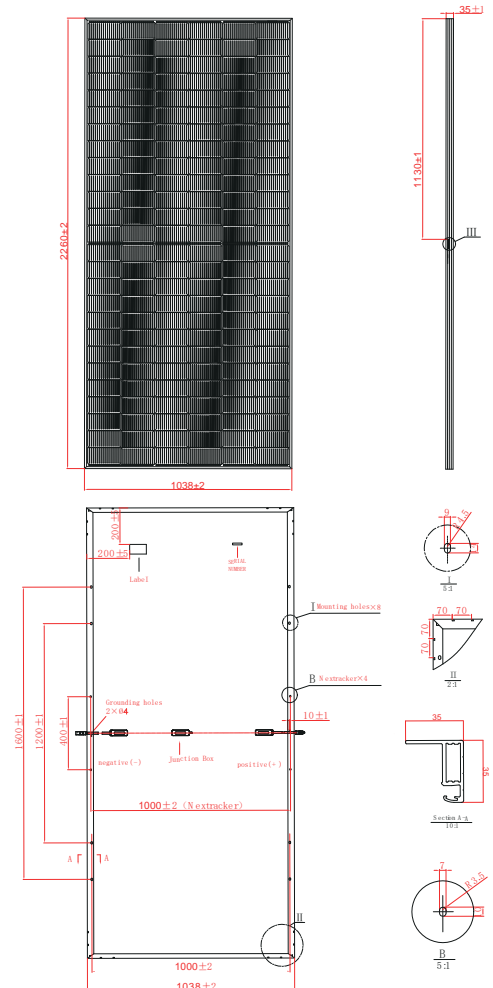
Pmax Temperature Coefficient	-0.30 %/°C
Voc Temperature Coefficient	-0.25 %/°C
Isc Temperature Coefficient	+0.046 %/°C
Operating Temperature	-40 ~ +85 °C
Nominal Operating Cell Temperature(NOCT)	45±2 °C

Mechanical Specifications

External Dimensions	2260 x 1038 x 35 mm
Weight	26.0 kg
Solar Cells	166 x 83mm (156 pcs)
Front Glass	3.2mm AR coating tempered glass, low iron
Frame	Anodized aluminium alloy
Junction Box	IP68, 3 diodes
Output Cables	4.0mm ² , 250mm(+)/350mm(-) or Customized Length
Mechanical Load	Front side 5400Pa/ Rear side 2400Pa

Packing Configuration

	2260 x 1038 x 35 mm	
Container	20'GP	40'HQ
Pieces per Pallet		31
Pallets per Container		20
Pieces per Container		620



I-V Curve

