

Venus PRO Series

210 TOPCON 720-745W

MBB-type Half-Cell Bifacial Module
(66Model)

• QUALITY SYSTEM

ISO9001 / ISO14001 / ISO45001
IEC:61215-2021 / IEC:61730-2023

• PRODUCT CERTIFICATION



• N-TOPCON MODULE ADVANTAGE

Multi-main gate technology

Superior load capacity

High module conversion efficiency

Excellent low-light performance

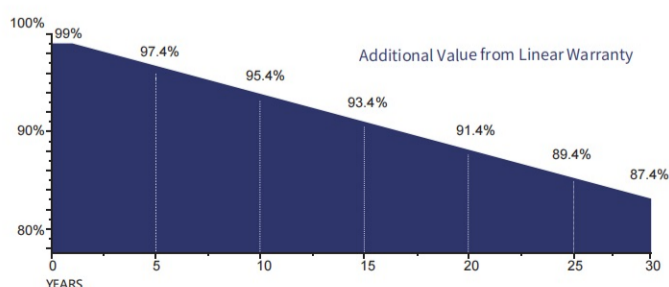
Low attenuation long warranty

Low BOS and KWH cost

Reduce heat spot effect

Higher bifacially

• WARRANTY



INSURANCE



Guarantee on product material and workmanship



Linear power output warranty

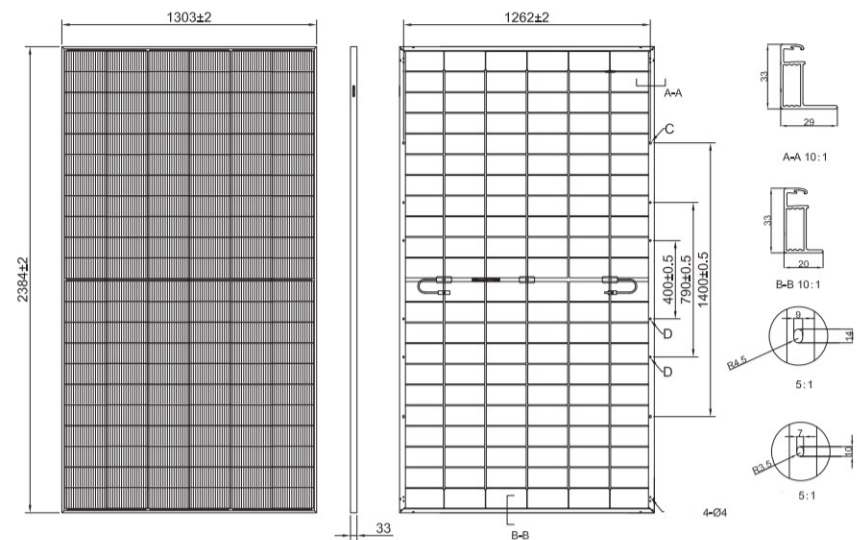
Mechanical Specifications

External Dimension	2384 ±2 × 1303 ±2 × 33mm
Weight	37.9 kg
Solar Cells	N-TOPCon 210 × 105mm (132pcs)
Front / Back Glass	2.0mm AR coating semi-tempered glass, low iron
Frame	Anodized aluminium alloy
Junction Box	IP68, 3 diodes
Output Cables	4.0mm ² , 250mm(+)/350mm(-) or Customized Length

Packing Configuration

Container	40' HQ
Pieces per Pallet	33
Pallets per Container	18
Pieces per Container	594

Technical drawing



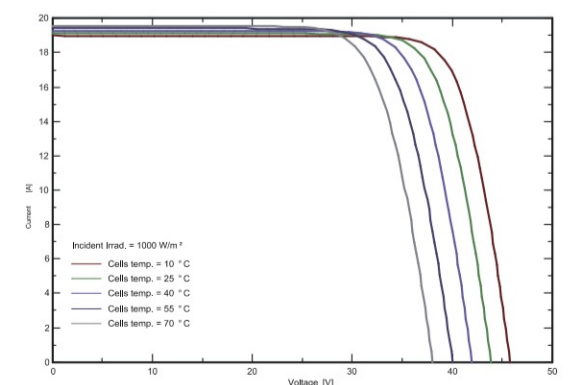
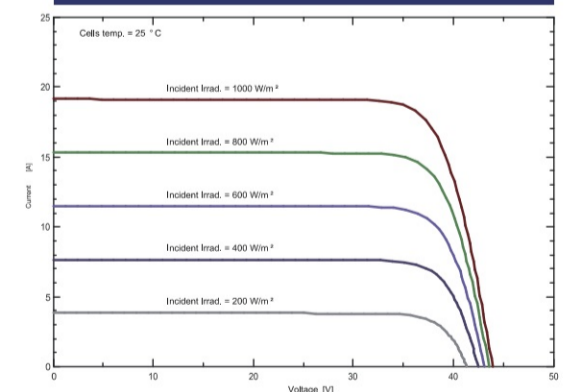
Electrical Characteristics	MK-TOZ-BDN66-720	MK-TOZ-BDN66-725	MK-TOZ-BDN66-730	MK-TOZ-BDN66-735	MK-TOZ-BDN66-740	MK-TOZ-BDN66-745
Maximum Power -P	720	725	730	735	740	745
Open Circuit Voltage -V	49.28	49.45	49.67	49.65	49.80	49.95
Short Circuit Current -I	18.55	18.60	18.65	18.75	18.81	18.87
Maximum Power Voltage -V	41.03	41.20	41.35	41.53	41.69	41.86
Maximum Power Current -I	17.55	17.60	17.65	17.70	17.75	17.80
Module Efficiency STC-η	23.2	23.3	23.5	23.7	23.8	24.0
Power Tolerance (W)	(0, +4.99)					
Pmax Temperature Coefficient	-0.28 %/°C					
Voc Temperature Coefficient	-0.23 %/°C					
Isc Temperature Coefficient	+0.045 %/°C					

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

Rear Side Power Gain (MK-TOZ-BDN-705)

Power Gain	10%	15%	20%	25%	30%
Maximum Power -P _{mp} (W)	776	811	846	881	917
Open Circuit Voltage -V _{oc} (V)	50.29	50.29	50.29	50.29	50.29
Short Circuit Current -I _{sc} (A)	19.26	20.14	21.01	21.89	22.76
Maximum Power Voltage -V _{mp} (V)	42.32	42.32	42.32	42.32	42.32
Maximum Power Current -I _{mp} (A)	18.33	19.16	19.99	20.83	21.66

I-V Curve



Application Conditions

Maximum System Voltage	1500V DC
Maximum Series Fuse Rating	35 A
Operating Temperature	-40~+85 °C
Nominal Operating Cell Temperature	45±2 °C
Bifaciality	80%±5%
Mechanical Load	Front side 5400 Pa / Back side 2400 Pa