

Venus Series

210 TOPCON 705-730W

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

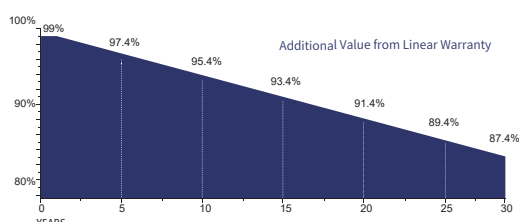
 Low attenuation long warranty

 Low BOS and KWH cost

 Reduce heat spot effect

 Higher bifaciality

• WARRANTY



INSURANCE



Guarantee on product material and workmanship



Linear power output warranty

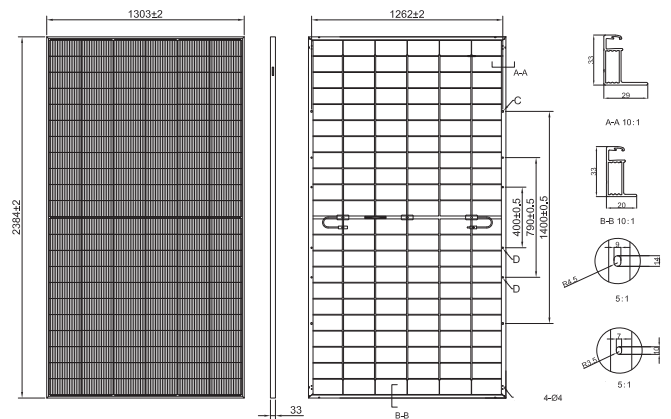
Mechanical Specifications

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



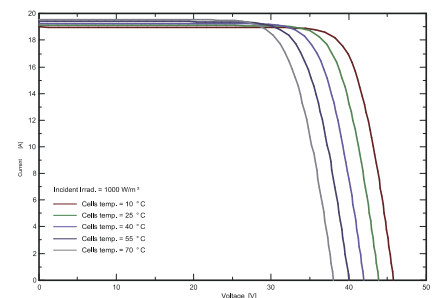
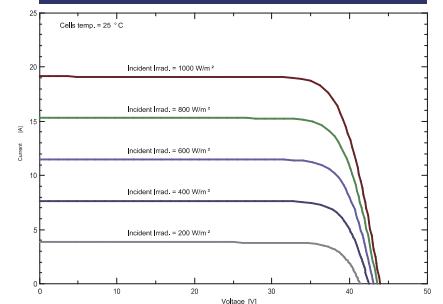
Electrical Characteristics	MK-TOZ-BDN66-705	MK-TOZ-BDN66-710	MK-TOZ-BDN66-715	MK-TOZ-BDN66-720	MK-TOZ-BDN66-725	MK-TOZ-BDN66-730
Maximum Power -P	705	710	715	720	725	730
Open Circuit Voltage -V	48.77	48.94	49.11	49.28	49.45	49.67
Short Circuit Current -I	18.40	18.45	18.50	18.55	18.60	18.65
Maximum Power Voltage -V	40.52	40.69	40.86	41.03	41.20	41.35
Maximum Power Current -I	17.40	17.45	17.50	17.55	17.60	17.65
Module Efficiency STC-η	22.7	22.9	23.0	23.2	23.3	23.5
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