



TDM966-(695-720)G

MODULE SIZE

2384*1303*33mm

POWER OUTPUT RANGE

695W-720W

POSITIVE POWER TOLERANCE

0 - + 3%

N-TOPCON MONOCRYSTALLINE MODULE

132 CELL

MAXIMUM EFFICIENCY

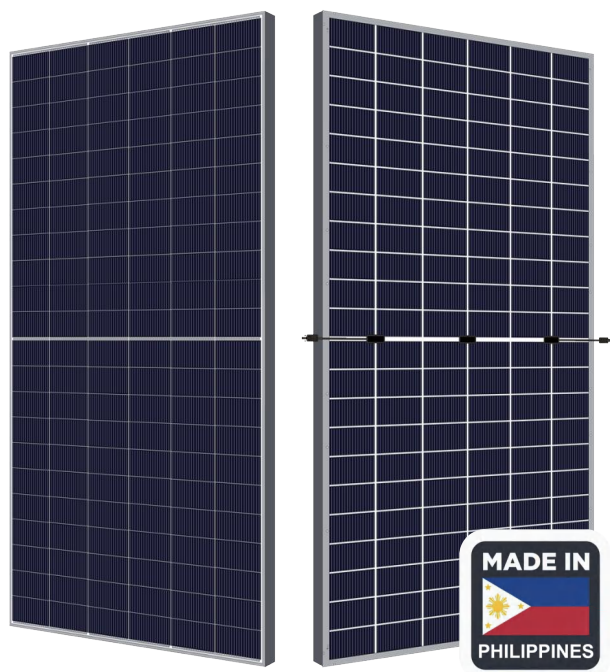
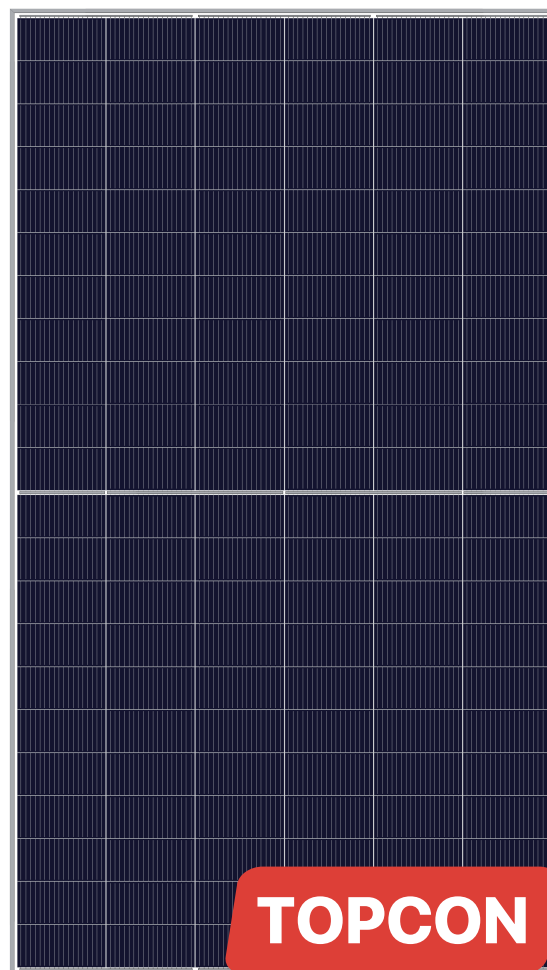
23.18%

LINEAR PERFORMANCE WARRANTY

12 Year Product Warranty

30 Year Linear Power Warranty

≤1% 1st Year Degradation **≤0.4%** Annual Degradation



Competitive Low Light Performance



Reduced Power Loss by Minimising the Effect of Shadow Shading



High Density Encapsulation



Multi-Busbar Technology



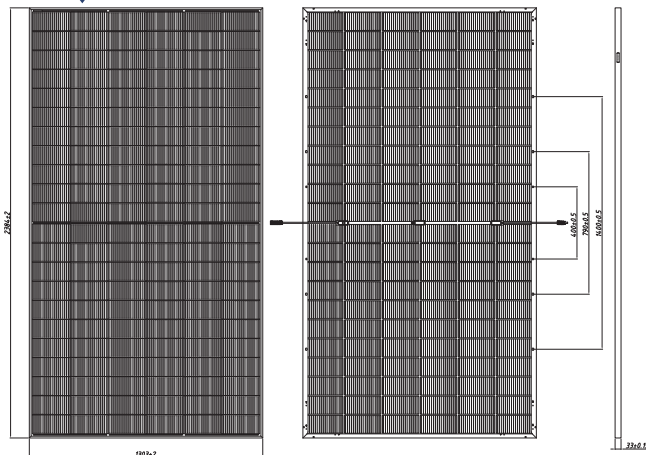
2400pa Wind Load
5400pa Snow Load



Reduced BOS & Increased ROI

TIDE SOLAR

DIMENSIONS OF PV MODULE



STRUCTURAL CHARACTERISTICS

Module Size	2384x1303x33mm
Weight	38.5Kg
Cell	N-topcon 210x105mm(132pieces)
Glass	2.0mm / 2.0mm semi-tempered glass
Frame	anodized aluminum alloy
Junction Box	IP68, 3 diodes
Output Lead	4.0mm ² 300mm(+)/ 300mm(-) or customized
Mechanical Load	front 5400pa / back 2400pa

ELECTRICAL CHARACTERISTICS

Component Model	TDM966-695G		TDM966-700G		TDM966-705G		TDM966-710G		TDM966-715G		TDM966-720G	
Maximum Power (Pmax)	STC	BNPI	STC	BNPI	STC	BNPI	STC	BNPI	STC	BNPI	STC	BNPI
	695	770	700	776	705	781	710	787	715	792	720	798
Open Circuit Voltage (Voc)	48.30	48.30	48.60	48.60	48.80	48.80	49.00	49.00	49.20	49.20	49.40	49.40
Short Circuit Current (Isc)	18.28	20.25	18.32	20.30	18.36	20.34	18.40	20.39	18.44	20.43	18.49	20.49
Maximum Power Voltage (Vmp)	40.30	40.30	40.50	40.50	40.70	40.70	40.90	40.90	41.10	41.10	41.30	41.30
Maximum Power Current (Imp)	17.25	19.11	17.29	19.16	17.33	19.20	17.36	19.23	17.39	19.27	17.44	19.32
Component Efficiency (η)	22.37		22.53		22.70		22.86		23.02		23.18	
Power Tolerance					(0, +3%)							
Maximum System Voltage					1500V DC							
Maximum Rated Fuse Current					35A							

STC: Irradiance 1000 W/m² module temperature 25 °C AM=1.5 BNPI: Irradiance: Front 1000W/m², Rear 135W/m², Cell Temperature 25°C, AM=1.5

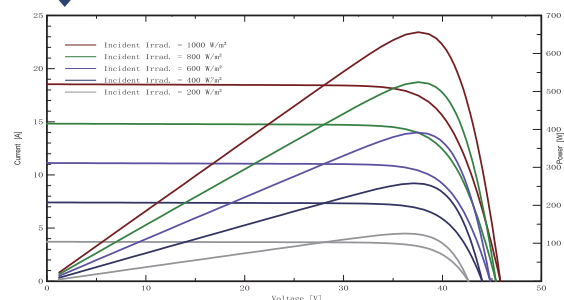
TEMPERATURE CHARACTERISTICS

Maximum Power Temperature Coefficient	-0.29 % / °C
Temperature Coefficient Of Open Circuit Voltage	-0.25 % / °C
Temperature Coefficient Of Short Circuit Current	+0.045 % / °C
Working Temperature	-40 ~ +85 °C
Nominal Operating Cell Temperature (NOCT)	45 ± 2 °C
Bifacial-Factor	80% ± 5%

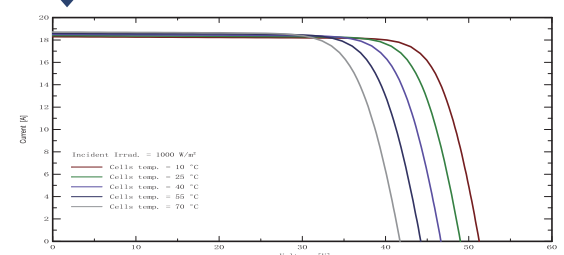
PACKING METHOD

Module Size	2384x1303x33mm
Container	40' HQ
Quantity Per Pallet	33
Number Of Pallets Per Container	18
Quantity Per Container	594

I-V/P-V CURVE AT DIFFERENT IRRADANCE(710W)



I-V CURVE AT DIFFERENT WORKING TEMPERATURE(710W)



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