



PIMA
DATA CENTER ON DEMAND

TBM-350M



350-370W
POWER OUTPUT RANGE

0~+5W
POSITIVE POWER TOLERANCE

72 CELL
MONO-CRYSTALLINE MODULE

19.3%
MAXIMUM EFFICIENCY



Ideal for large scale installations

- High powerful footprint reduces installation time and BOS costs
- +1500VDC IEC Compliance



One of the industry's most trusted modules

- Field proven performance
- Strong, reliable supplier



Highly reliable due to stringent quality control

- In-house testing goes well beyond certification requirements
- PID resistant IEC 62804, 2PFG 2387
- 100% EL double inspection
- Passed Sand and Dust abrasion tests (IEC60068-2-68 LC2)



Complying to withstand the most challenging environmental conditions

- 3600/2400 Pa test load on both Front/ Back
- 25 mm hail at 97 km/h



- 10 Year Product Warranty
- 25 Year Linear Power Warranty

Certifications and Standards:

- IEC 61215/ IEC 61730 •
- 2PFG 2387(IEC 62804 PID) •
- IEC 60068-2-68



IEC 61215
IEC 61730
Regular Production
Surveillance
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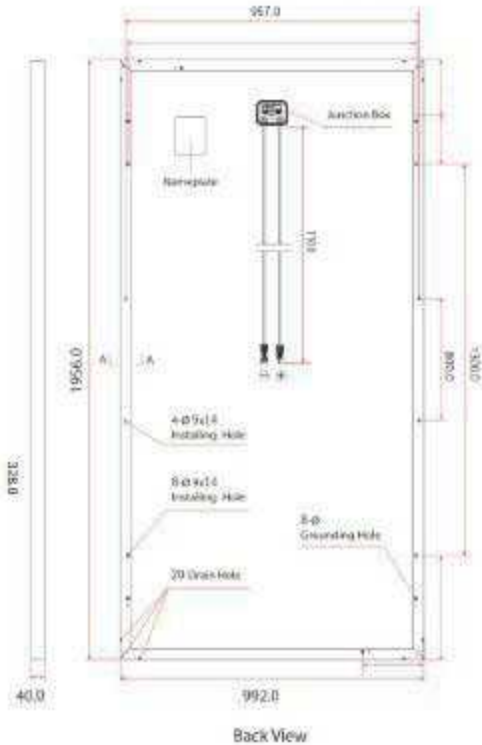
PID Resistance
Regular Production
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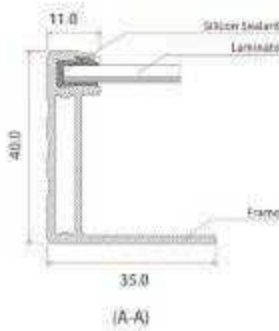
CE

PRODUCTS Model
Mono Glass/backsheet | TBM-350M

DIMENSIONS OF PV MODULE (mm/inch)



Back View



(A-A)

Dealer Informaion



ELECTRICAL DATA (STC)

TBM-350~370

Peak Power Watts- P_{max} (Wp)*	350	360	370
Power Output Tolerance- P_{max} (W)		0 ~ +5	
Maximum Power Voltage- V_{mp} (V)	38.9	39.1	39.3
Maximum Power Current- I_{mp} (A)	9.0	9.2	9.4
Open Circuit Voltage- V_{oc} (V)	47.5	48.0	48.5
Short Circuit Current- I_{sc} (A)	9.45	9.62	9.78
Module Efficiency η (%)	18.9	19.3	19.7

STC: Irradiance 1000W/m², Cell Temperature 25°C, Air Mass AM1.5, acc. to IEC/TS 61836 and/or IEC 60904-3

MECHANICAL DATA

Glass/ Backsheet

Solar Cells(mm)	Monocrystalline 156.75 × 156.75
Cell Orientation	72 cells (6 × 12)
Module Dimensions(mm)	1956 × 992 × 40
Weight(kg)	22
Glass	3.2 mm, High Transmission, AR Coated Tempered Glass, Nano Self-Clean
Backsheet	White
Frame	Silver Anodized Aluminium Alloy
J-Box	IP68 rated (3 bypass diodes)
Cables	Photovoltaic Technology Cable 4.0mm ² (2PG 1890/05-12, EN 50618:2014) Symmetrical length (-) 1100 mm (+) 1100 mm
Connector	MC4

TEMPERATURE RATINGS

NOCT(Nominal Operating Cell Temperature)	44°C (±2°C)
Temperature Coefficient of P_{max}	-0.44%/°C
Temperature Coefficient of V_{oc}	-0.32%/°C
Temperature Coefficient of I_{sc}	0.02%/°C

MAXIMUM RATINGS

Operational Temperature	-40~+85°C
Maximum System Voltage	1500 VDC
Max Series Fuse Rating	15A

(DO NOT connect Fuse in Combiner Box with two or more strings in parallel connection)

PACKAGING CONFIGURATION

Modules per Pallet: 27 pieces
Modules per 40' container: 848 pieces
Pallet per 40' container: 24 Pallets



DATA CENTER ON DEMAND

TBM-325P / TBG-325P



320-330W
MULTICRYSTALLINE MODULE

0~+5W
POSITIVE POWER TOLERANCE

72 CELL
POLY CRYSTALLINE MODULE

17.0%
MAXIMUM EFFICIENCY



Ideal for large scale installations

- High powerful footprint reduces installation time and BOS costs
- ±1500 VDC IEC Compliance



One of the industry's most trusted modules

- Field proven performance
- Strong, reliable supplier



Highly reliable due to stringent quality control

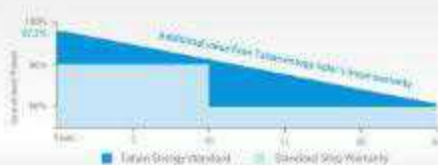
- In-house testing goes well beyond certification requirements
- PID resistant IEC 62804, 2PF6 2387
- 100% EL double inspection
- Passed Sand and Dust abrasion tests (IEC60068-2-68 LC2)



Complying to withstand the most challenging environmental conditions

- 3600/2400 Pa test load on both Front/ Back
- 25 mm hail at 97 km/h

Industry-leading warranty based on nominal Power



- 10 Year Product Warranty
- 25 Year Linear Power Warranty

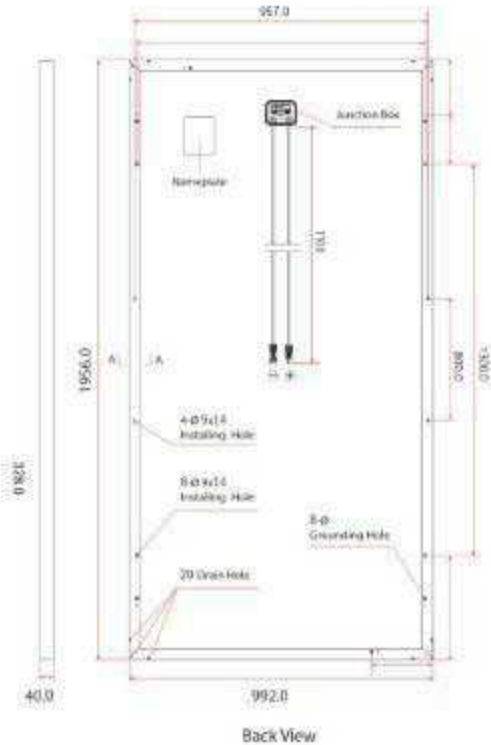
Certifications and Standards:

- IEC 61215/ IEC 61730
- 2PF6 2387(IEC 62804 PID)
- IEC 60068-2-68

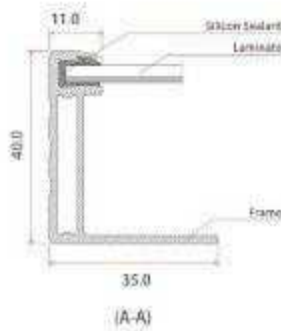


PRODUCTS	Model
Poly Glass/backsheet	TBM-325P
Poly Glass/Glass	TBG-325P

DIMENSIONS OF PV MODULE (mm/inch)



Back View



(A-A)

Dealer Informaion



ELECTRICAL DATA (STC)

TBM-320~330P

Peak Power Watts- P_{MAX} (Wp)*	320	325	330
Power Output Tolerance- P_{MAX} (W)		0 ~ +5	
Maximum Power Voltage- V_{MP} (V)	37.8	37.9	38.0
Maximum Power Current- I_{MP} (A)	8.48	8.57	8.68
Open Circuit Voltage- V_{OC} (V)	45.8	45.8	46.1
Short Circuit Current- I_{SC} (A)	8.88	8.99	9.17
Module Efficiency η (%)	17.0	17.3	17.6

STC: Irradiance 1000W/m², Cell Temperature 25°C, Air Mass AM1.5, acc. to IEC/TS 61836 and/or IEC 60904-3

ELECTRICAL DATA (STC)

TBG-320~330P

Peak Power Watts- P_{MAX} (Wp)*	320	325	330
Power Output Tolerance- P_{MAX} (W)		0 ~ +5	
Maximum Power Voltage- V_{MP} (V)	36.8	37.3	37.8
Maximum Power Current- I_{MP} (A)	8.7	8.8	8.9
Open Circuit Voltage- V_{OC} (V)	45.7	46.3	46.9
Short Circuit Current- I_{SC} (A)	9.1	9.2	9.3
Module Efficiency η (%)	16.3	16.6	16.9

MECHANICAL DATA

	Glass/ Backsheet		Glass/ Glass
Solar Cells(mm)	Multicrystalline 156.75 x 156.75		
Cell Orientation	72 cells (6 x 12)		
Module Dimensions(mm)	1956 x 992 x 40		1980 x 990 x 4.2
Weight(kg)	22		
Glass	3.2 mm, High Transmission, AR Coated Tempered Glass, Nano Self -Clean		
Backsheet	White		Glass
Frame	Silver Anodized Aluminium Alloy		-
J-Box	IP68 rated (3 bypass diodes)		
Cables	Photovoltaic Technology Cable 4.0mm ² (2PIG-1990/05-12, EN 50618:2014) Symmetrical length (-) 1100 mm (+) 1100 mm		
Connector	MC4		

TEMPERATURE RATINGS

NOCT (Nominal Operating Cell Temperature)	44°C (±2°C)
Temperature Coefficient of P_{MAX}	-0.41%/°C
Temperature Coefficient of V_{OC}	-0.36%/°C
Temperature Coefficient of I_{SC}	0.07%/°C

MAXIMUM RATINGS

Operational Temperature	-40~+85°C
Maximum System Voltage	1500V DC-IEC
Max Series Fuse Rating	15A

(DO NOT connect Fuse in Combiner Box with two or more strings in parallel connection)

PACKAGING CONFIGURATION

Modules per Pallet: 27 pieces
Modules per 40' container: 648 pieces
Pallet per 40' container : 24 Pallets