SOLAR ROOF TILE

TOMMATECH GmbH

GERMAN-based company

WATER PROOF, SUITABLE FOR ROOFTOP
SOLAR PANEL FRAME SYSTEM

POLYCRYSTALLINE ■ 72P

- TT340-72P 340 Wp
- TT335-72P 335 Wp
- TT330-72P 330 Wp
- TT325-72P 325 Wp
- TT320-72P 320 Wp

15 YEARS Product Warranty

30 YEARS Performance Warranty

High Conversion Efficiency
High panel efficiency to guarantee high power output

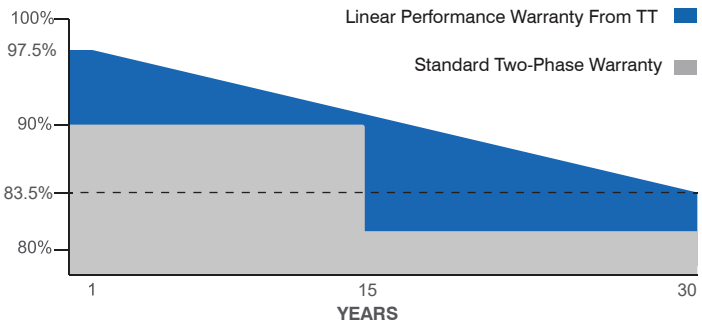
Self-Cleaning And Anti-Reflection Glass
Coating glass for self-cleaning reduces surface dust

Outstanding Low Irradiation Glass
Outstanding panel performance even in weak light conditions

Excellent Durability
Wind load up to 2400 Pa, Snow load up to 5400 Pa

0～+5Wp Positive Power Tolerance
0~+5W

Easy Installation



30 Years Performance Warranty

15 Years Product Warranty

Allianz

CE

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POLYCRYSTALLINE 72P (320-340 Wp)

Model Type	TT320 72P	TT325 72P	TT330 72P	TT335 72P	TT340 72P
Peak Power (P_{max})	320 Wp	325 Wp	330 Wp	335 Wp	340 Wp
Module Efficiency	16.44	16.68	16.95	17.19	17.45
Maximum Power Voltage (V_{mp})	37.82	38.11	38.45	38.83	39.18
Maximum Power Current (I_{mp})	8.47	8.53	8.59	8.63	8.38
Open Circuit Voltage (V_{oc})	46.50	46.75	47.01	47.26	47.63
Short Circuit Current (I_{sc})	9.06	9.12	9.17	9.21	9.24
Power Tolerance	0~+5W				
Maximum System Voltage	1000V DC / 1500V DC				
Operating Temperature	-40 ~ +85°C				
Fire Safety Class	C				
Maximum Series Fuse Rating	15A / 20A				

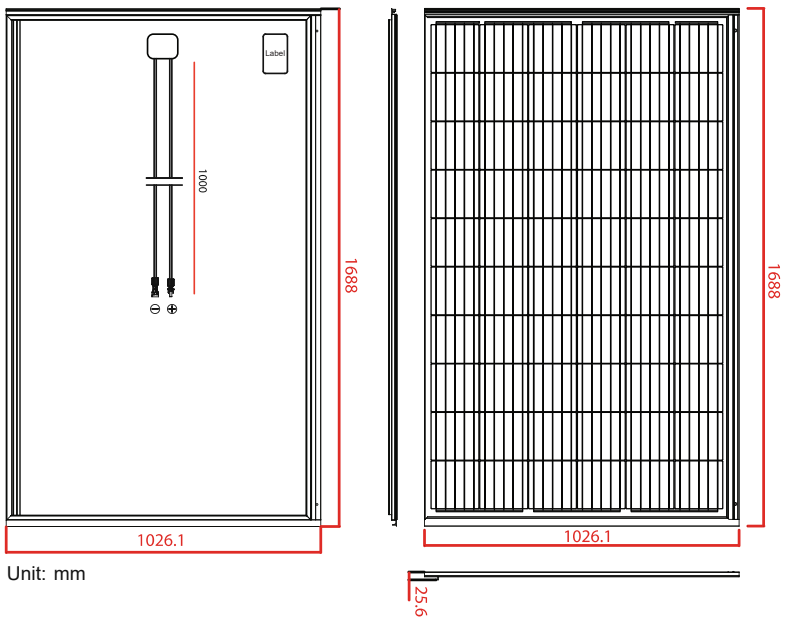
MECHANICAL SPECIFICATIONS

Cell Dimensions(mm)	157 x 157
Cells per Module(pcs)	72 (6x12)
Weight(kg)	24
Panel Dimensions(mm)	1026.1x1999x25.6
Max. Wind/Snow Load(Pa)	2400/5400
Junction Box	IP67 / IP68

TEMPERATURE CHARACTERISTICS

Temp. Coeff. of (I_{sc})	0.049%/°C
Temp. Coeff. of (V_{oc})	-0.30%/°C
Temp. Coeff. of (P_{max})	-0.39%/°C

PHYSICAL CHARACTERISTICS



Unit: mm

*Note: The specifications are obtained under the standard test conditions: 1000W/m2 solar irradiance, 1.5 Air Mass and cell temperature of 25°C. Measurement uncertainty for all panels is 6%. The actual transactions will be subject to the contracts. These parameters are for reference only and it is not a part of the contracts. The specifications are subject to change without prior notice.