For a Free Quote:
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Email: **contact@energypal.com**

Solar Panel Guide

Specification Data Sheet

Learn more at energypal.com/best-solar-panels-for-homes

PERC MONOCRYSTALLINE 72PM

TOMMATECH GmbH

GERMAN-based company

- TT405-72PM 405 Wp
- TT395-72PM 395 Wp
- TT400-72PM 400 Wp
- TT390-72PM 390 Wp

12 Year Material and Workmanship Warranty

25 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

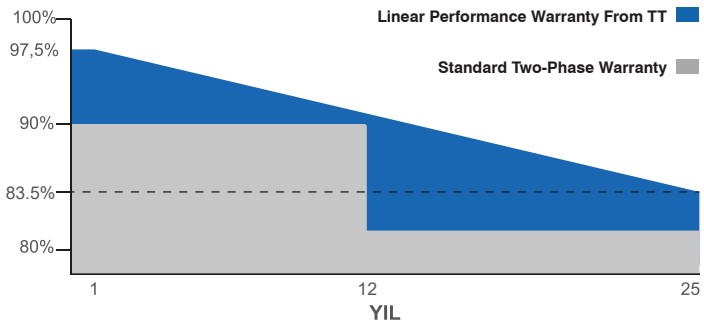
Outstanding panel performance even in weak light conditions

Excellent Durability

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

0~+5W 0～+5Wp Positive Power Tolerance

Easy Installation



25 Year Performance Warranty

12 Year Material and Workmanship Warranty

www.tommatech.de
info@tommatech.de

TOMMATECH GmbH

GERMAN-based company

Model Type	TT390 72PM	TT395 72PM	TT400 72PM	TT405 72PM
Peak Power (Pmax)	390 Wp	395 Wp	400 Wp	405 Wp
Module Efficiency	19,53	19,78	20,03	20,28
Maximum Power Voltage (Vmp)	41,04	41,33	41,69	41,83
Maximum Power Current (Imp)	9,51	9,57	9,60	9,69
Open Circuit Voltage (Voc)	47,52	48,17	48,96	49,03
Short Circuit Current (Isc)	10,02	10,06	10,11	10,14
Power Tolerance	0~+5W			
Maximum System Voltage	1000V DC / 1500V DC			
Nominal Operating Cell Temp.	-40 ~ +85°C			
Fire Safety	Class C			
Maximum Series Fuse Rating	15A / 20A			

MECHANICAL SPECIFICATIONS

Cell Dimensions	158,75 mm x 158,75 mm
Cells per Module	72 (6X12)
Weight	22
Panel Dimensions	1984x1007x40mm
Max. Wind/Snow Load	2400/5400 Pa
Junction Box	IP67

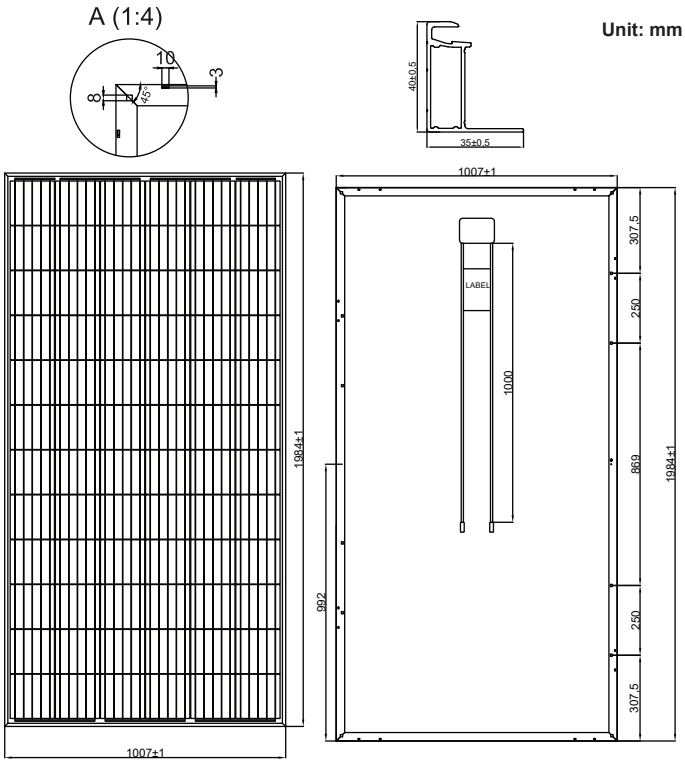
TEMPERATURE CHARACTERISTICS

Temp. Coeff. of (Isc)	0.048%/°C
Temp. Coeff. of (Voc)	-0.28%/°C
Temp. Coeff. of (Pmax)	-0.37%/°C

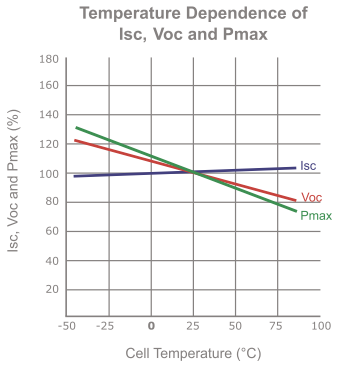
PACKING CONFIGURATION

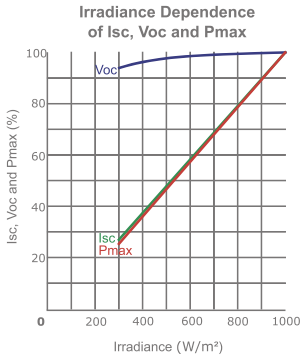
Container	20' GP	40' GP
Pieces per Pallet	27	27
Pieces per Container	270	696

PHYSICAL CHARACTERISTICS



ELECTRICAL CHARACTERISTICS





*Note: The specifications are obtained under the standard test conditions: 1000W/m2 solar irradiance, 1.5 Air Mass and cell temperature of 25°C. The NOCT is obtained under the Test Conditions 800W/m² solar radiation, ambient temperature 20°C, wind speed 1m/s. 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.