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**Solar Panel Guide
Specification Data Sheet**

**Tommatech GmbH
TT390-405-72PM
TT395 72PM**

Also available on the web at
EnergyPal.com/tommatech-gmbh-solar-panels/tt395-72pm

PERC MONOCRYSTALLINE 72PM



GERMAN-based company

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



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

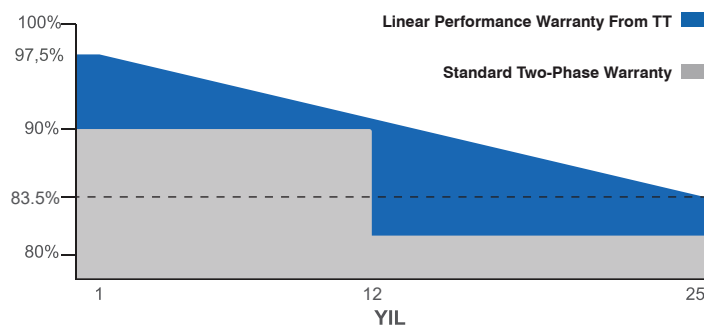
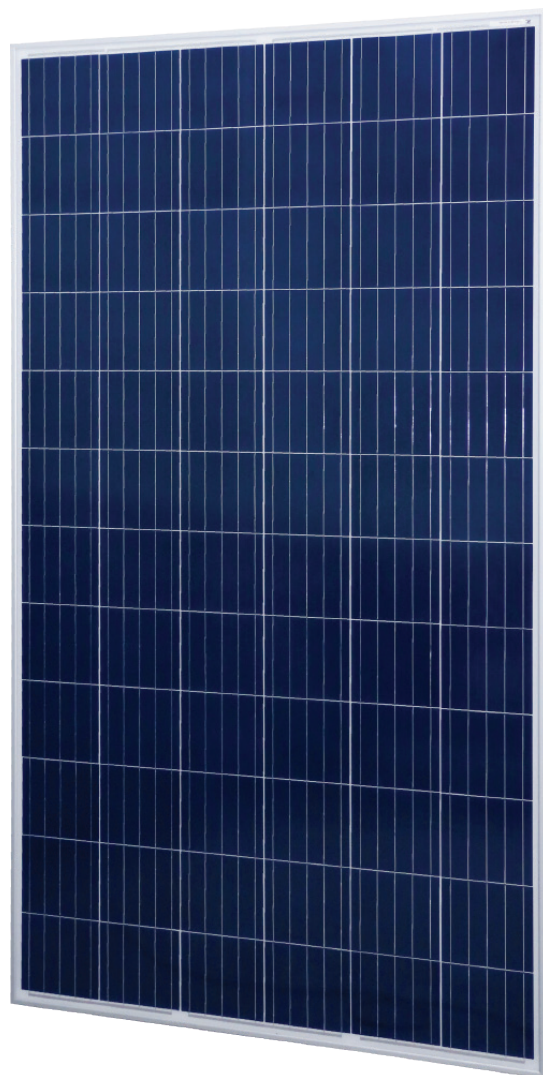
Wind load up to 2400 Pa, Snow load up to 5400 Pa



0~ +5Wp Positive Power Tolerance



Easy Installation



25 Year Performance Warranty



12 Year Material and Workmanship Warranty



| 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 |

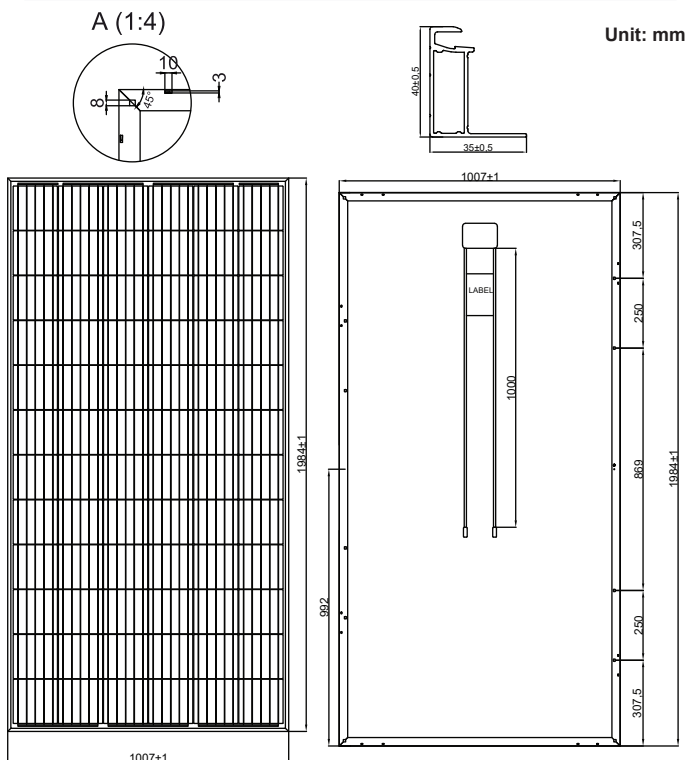
TEMPERATURE CHARACTERISTICS

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

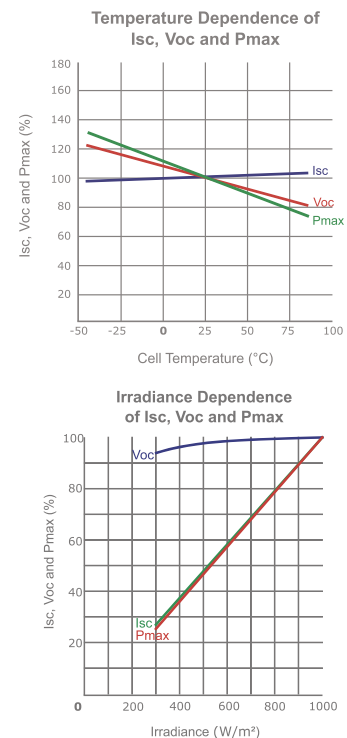
PACKING CONFIGURATION

| 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.