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EnergyPal

Solar Panel Guide Specification Data Sheet

Tommatech GmbH

TT375-390-72PM

TT390 72PM

Also available on the web at
EnergyPal.com/tommatech-gmbh-solar-panels/tt390-72pm

PERC MONOCRYSTALLINE 72PM



GERMAN-based company

- ◆ TT375-72PM 375 Wp
- ◆ TT385-72PM 385 Wp
- ◆ TT380-72PM 380 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

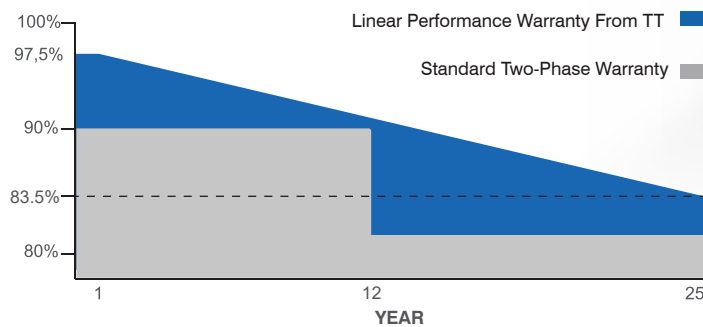
Wind load up to 2400 Pa, Snow load up to 5400 Pa



0~+5W Positive Power Tolerance



Easy Installation



✓ 25 Year Performance Warranty ✓ 12 Year Material and Workmanship Warranty



Model Type	TT375 72PM	TT380 72PM	TT385 72PM	TT390 72PM
Peak Power (Pmax)	375 Wp	380 Wp	385 Wp	390 Wp
Module Efficiency	19,24	19,50	19,75	20,01
Maximum Power Voltage (Vmp)	39,94	40,05	40,19	40,36
Maximum Power Current (Imp)	9,39	9,49	9,58	9,67
Open Circuit Voltage (Voc)	46,80	46,88	46,96	47,05
Short Circuit Current (Isc)	10,07	10,18	10,29	10,36
Power Tolerance	0~+5W			
Maximum System Voltage	1000V DC			
Nominal Operating Cell Temp.	-40 ~ +85°C			
Fire Safety	Class C			
Maximum Series Fuse Rating	15A / 20A			

MECHANICAL SPECIFICATIONS

Cell Dimensions	156,75 mm x 156,75 mm
Cells per Module	72 (6X12)
Weight	22 kg
Panel Dimensions	1959x995x40mm
Panel Dimensions (Optional)	1956x990x50mm
Max. Wind/Snow Load	2400/5400 Pa
Junction Box	IP67

TEMPERATURE CHARACTERISTICS

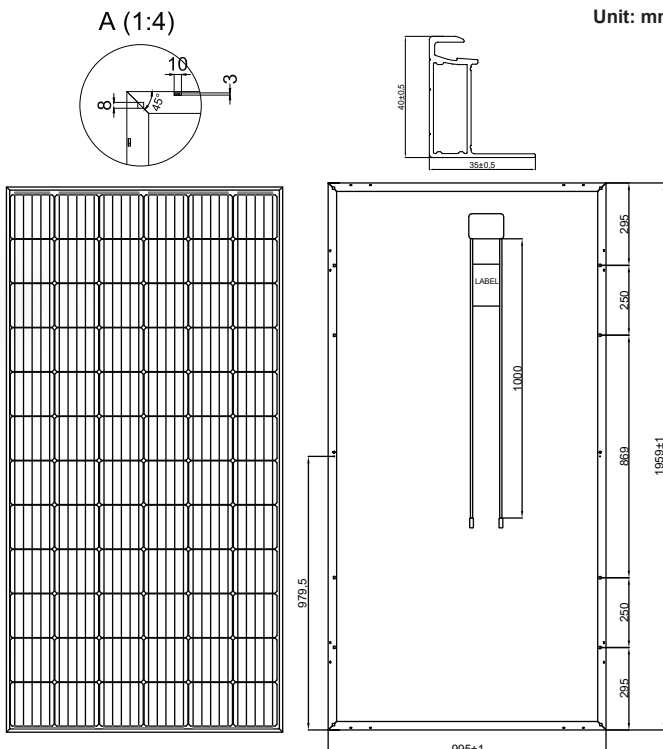
Temp. Coeff. of (Isc)	0.048%/°C
Temp. Coeff. of (Voc)	-0.28%/°C
Temp. Coeff. of (Pmax)	-0.37%/°C

PACKING CONFIGURATION

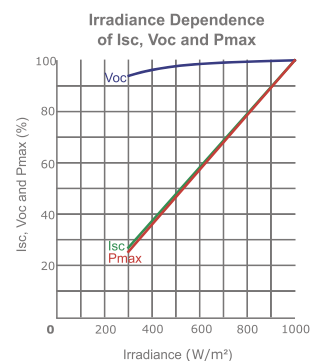
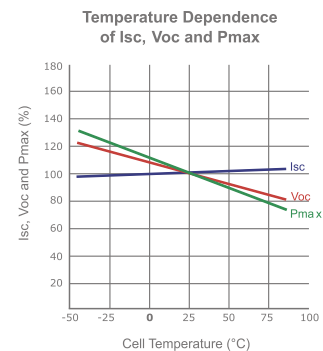
Container	20' GP	40' GP
Pieces per Pallet	27	27
Pieces per Container	270	696

PHYSICAL CHARACTERISTICS

Unit: mm



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.