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# **EnergyPal**

## **Solar Panel Guide Specification Data Sheet**

**Tommatech GmbH**

**TT335-350-72PP**

**TT345 72PP**

Also available on the web at  
[EnergyPal.com/tommatech-gmbh-solar-panels/tt345-72pp](http://EnergyPal.com/tommatech-gmbh-solar-panels/tt345-72pp)

# PERC POLYCRYSTALLINE 72PP



GERMAN-based company

- ◆ TT335-72PP 335 Wp
- ◆ TT345-72PP 345 Wp
- ◆ TT340-72PP 340 Wp
- ◆ TT350-72PP 350 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

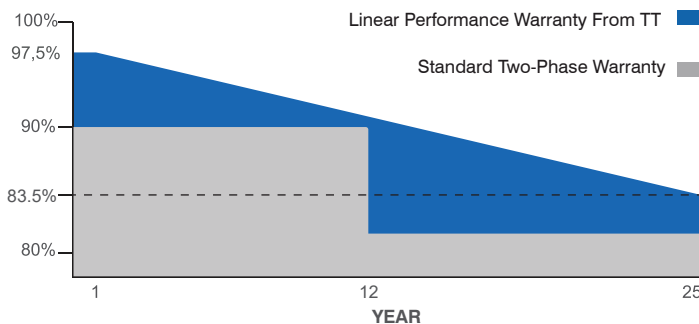
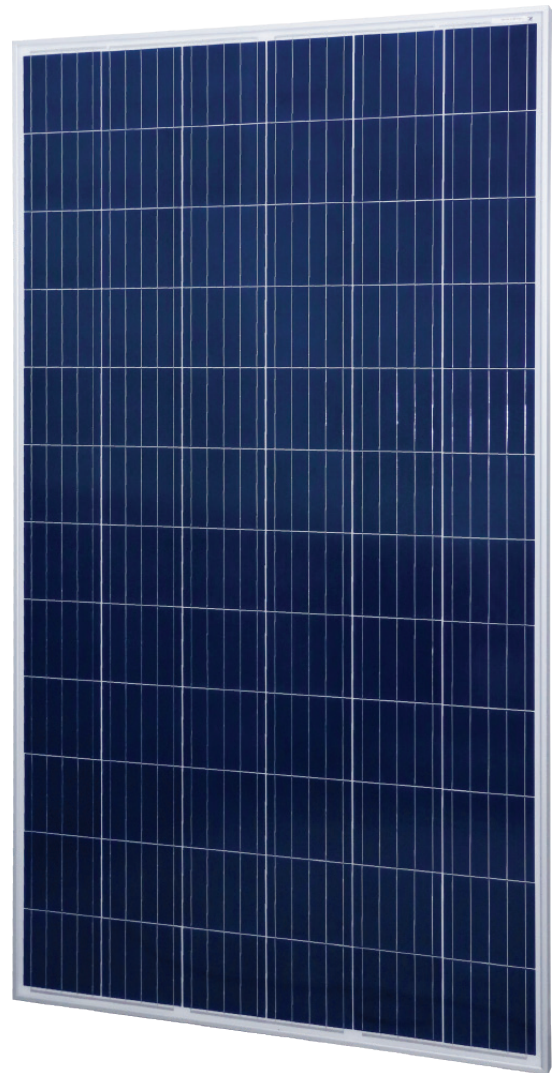
Wind load up to 2400 Pa, Snow load up to 5400 Pa



## 0~+5Wp Positive Power Tolerance



## Easy Installation



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



Model Type	TT335 72PP	TT340 72PP	TT345 72PP	TT350 72PP
Peak Power (Pmax)	335 Wp	340 Wp	345 Wp	350 Wp
Module Efficiency	17,19	17,44	17,70	17,96
Maximum Power Voltage (Vmp)	38,55	38,85	39,10	39,32
Maximum Power Current (Imp)	8,72	8,79	8,85	8,94
Open Circuit Voltage (Voc)	46,38	46,60	46,74	46,82
Short Circuit Current (Isc)	9,21	9,27	9,33	9,37
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			

### 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

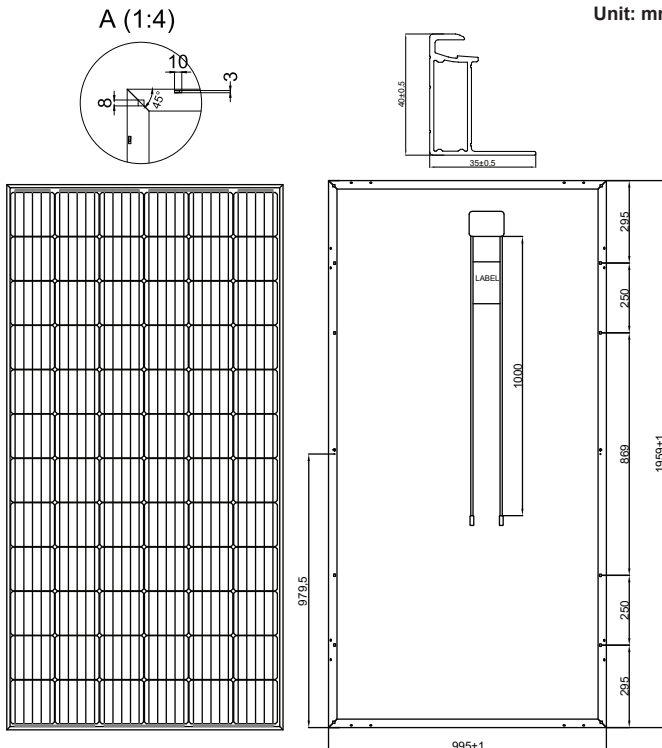
Temp. Coeff. of (Isc)	0.06%/°C
Temp. Coeff. of (Voc)	-0.30%/°C
Temp. Coeff. of (Pmax)	-0.38%/°C

### PACKING CONFIGURATION

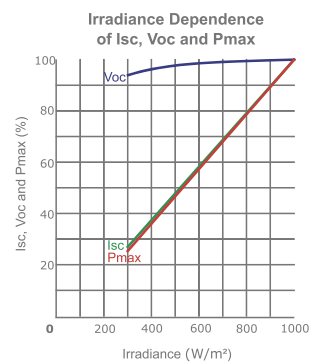
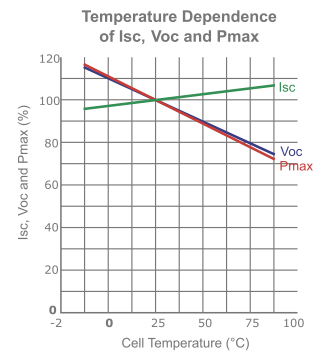
Container	20' GP	40' GP
Pieces per Pallet	27	27
Pieces per Container	270	696

### PHYSICAL CHARACTERISTICS

Unit: mm



### ELECTRICAL CHARACTERISTICS



\*Note: The specifications are obtained under the standard test conditions: 1000W/m<sup>2</sup> solar irradiance, 1.5 Air Mass and cell temperature of 25°C. The NOCT is obtained under the Test Conditions 800W/m<sup>2</sup> 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.