

POLYCRYSTALLINE 60P



GERMAN-based company

- ◆ TT270-60P 270 Wp
- ◆ TT280-60P 280 Wp
- ◆ TT275-60P 275 Wp
- ◆ TT285-60P 285 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

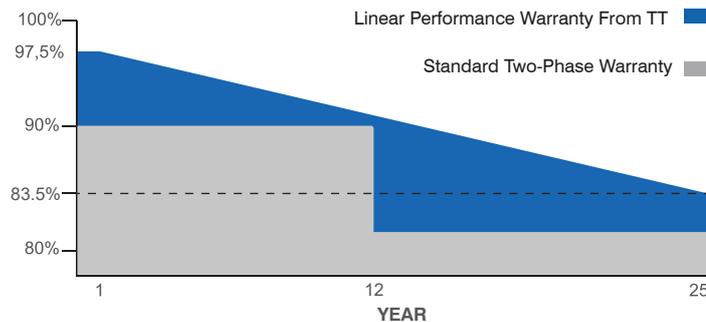
Wind load up to 2400 Pa, Snow load up to 5400 Pa



0~+5W Positive Power Tolerance



Easy Installation



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



IEC 61215, IEC 61730, IEC 62804 (PID-Free)
IEC 62716, IEC 61701
IEC 6006-2-68

Model Type	TT270 60P	TT275 60P	TT280 60P	TT285 60P
Peak Power (Pmax)	270 Wp	275 Wp	280 Wp	285 Wp
Module Efficiency	16,47	16,77	17,08	17,38
Maximum Power Voltage (Vmp)	31,00	31,30	31,60	31,90
Maximum Power Current (Imp)	8,71	8,79	8,87	8,95
Open Circuit Voltage (Voc)	38,00	38,40	38,70	39,10
Short Circuit Current (Isc)	9,21	9,31	9,39	9,47
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	60 (6X10)
Weight	18 kg
Panel Dimensions	1648x995x35mm
Panel Dimensions (Optional)	1640x990x35mm
Max. Wind/Snow Load	2400/5400 Pa
Junction Box	IP67

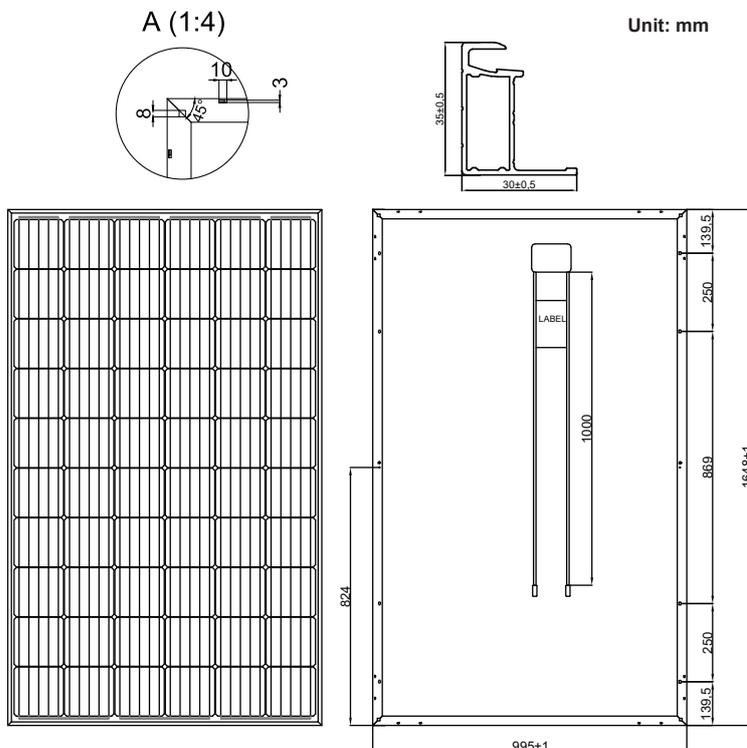
TEMPERATURE CHARACTERISTICS

Temp. Coeff. of (Isc)	0.06%/°C
Temp. Coeff. of (Voc)	-0.31%/°C
Temp. Coeff. of (Pmax)	-0.38%/°C

PACKING CONFIGURATION

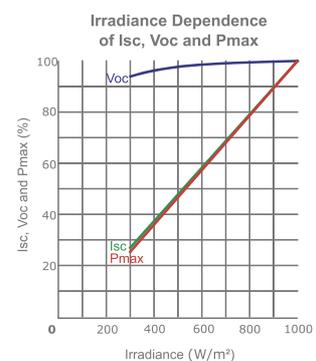
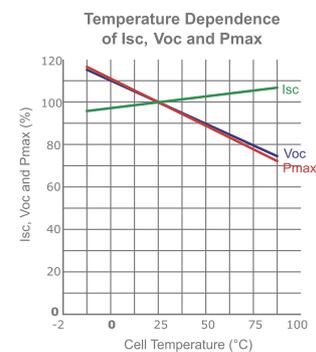
Container	20' GP	40' GP
Pieces per Pallet	31	31
Pieces per Container	372	938

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.