PERC MONOCRYSTALLINE 120PM

TOMMATECH GmbH

GERMAN-based company

- TT335-120PM 335 Wp
- TT320-120PM 320 Wp
- TT330-120PM 330 Wp
- TT315-120PM 315 Wp
- TT325-120PM 325 Wp

12 - YEARS - Material and Workmanship Warranty

30 - 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

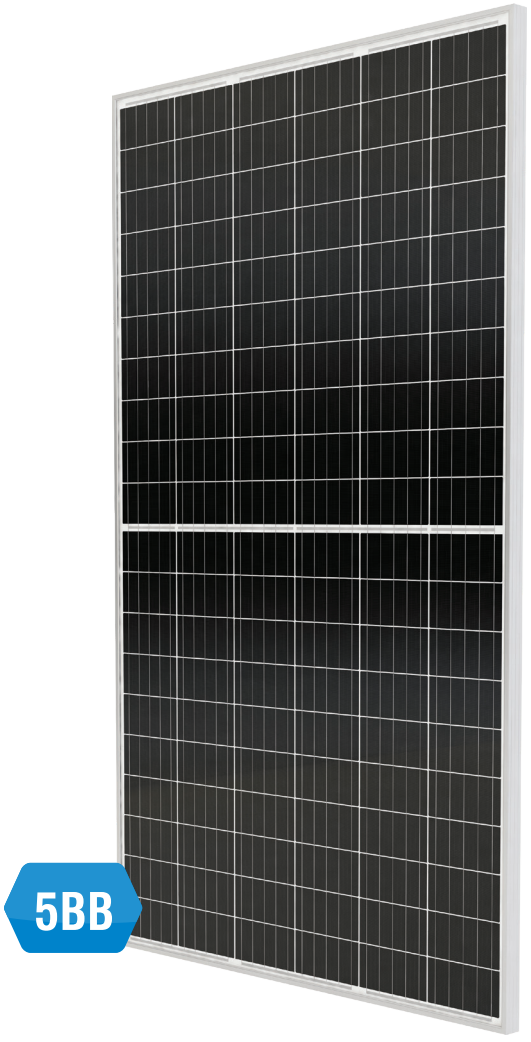
Outstanding panel performance even in weak light conditions

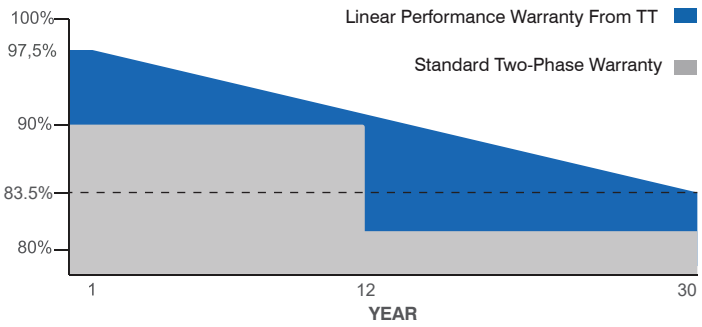
Excellent Durability

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

0~+5Wp Positive Power Tolerance

Easy Installation





Half Cut

ISO PV CYCLE CE

IEC 61215, IEC 61730-1, IEC 61730-2
IEC 62804 PID (POTANSİYEL KAYNAKLI BOZULMA / POTENTIAL INDUCED DEGRADATION)
IEC 61701 TUZ KOROZYON / SALT MIST CORROSION
IEC 62716 AMONYAK KOROZYON / AMMONIA CORROSION
ISO 9001:2015, ISO 14001:2015, OHSAS 45001:2018

30 Year Performance Warranty

12 Year Material and Workmanship Warranty

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Half-Cut

TOMMATECH GmbH
GERMAN-based company

Model Type	TT315 120PM	TT320 120PM	TT325 120PM	TT330 120PM	TT335 120PM
Peak Power (Pmax)	315 Wp	320 Wp	325 Wp	330 Wp	335 Wp
Module Efficiency	18,79	19,07	19,34	19,65	19,96
Maximum Power Voltage (Vmp)	33,55	33,65	33,92	34,11	34,40
Maximum Power Current (Imp)	9,41	9,52	9,58	9,68	9,75
Open Circuit Voltage (Voc)	40,73	40,84	41,14	41,34	41,56
Short Circuit Current (Isc)	10,05	10,16	10,23	10,33	10,38
Power Tolerance	0~+5W				
Maximum System Voltage	1000V DC / 1500V DC				
Operating Temperature	-40 ~ +85°C				
Fire Safety Class	C				
Maximum Series Fuse Rating	15A / 20A				

MECHANICAL SPECIFICATIONS

Cell Dimensions(mm)	158,75 x 79,38
Cells per Module(pcs)	120 (12X10)
Weight(kg)	19,5
Panel Dimensions(mm)	1700x1007x35
Max. Wind/Snow Load(Pa)	2400/5400
Junction Box	IP67 / IP68

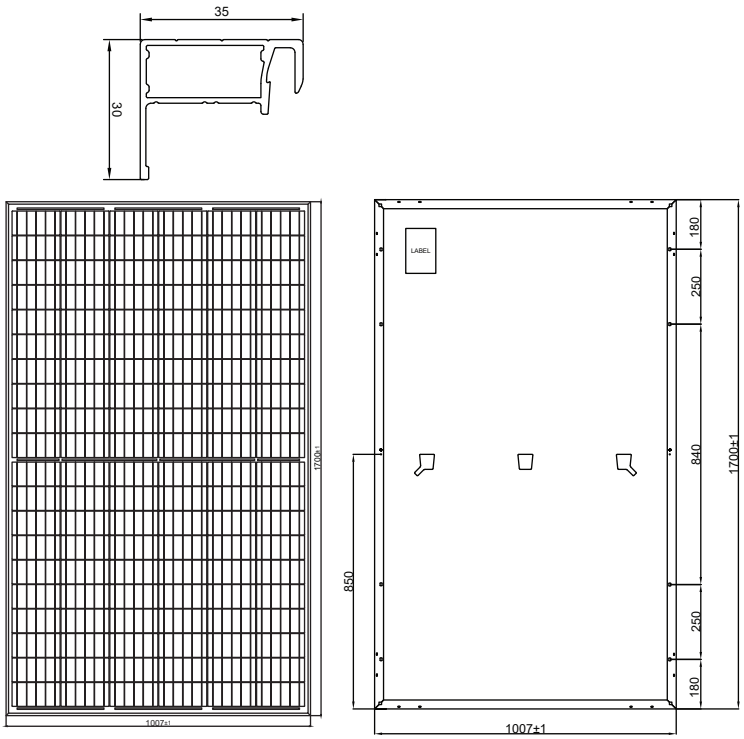
TEMPERATURE CHARACTERISTICS

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

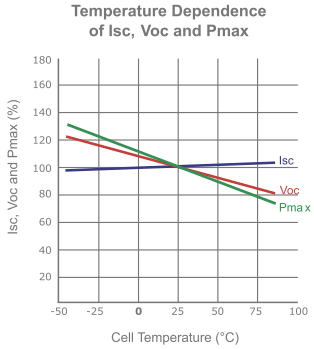
PACKING CONFIGURATION

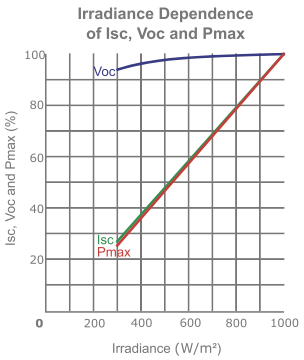
Container	20' GP	40' GP
Pieces per Pallet	31	31
Pieces per Container	372	868

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.