PERC MONOCRYSTALLINE
144PM10

TOMMATECH GmbH

GERMAN-based company

- TT550-144PM10 550 Wp
- TT545-144PM10 545 Wp
- TT540-144PM10 540 Wp
- TT535-144PM10 535 Wp
- TT530-144PM10 530 Wp

15 YEARS Product Warranty

30 YEARS Performance Warranty

High Conversion Efficiency
High panel efficiency to guarantee high power output

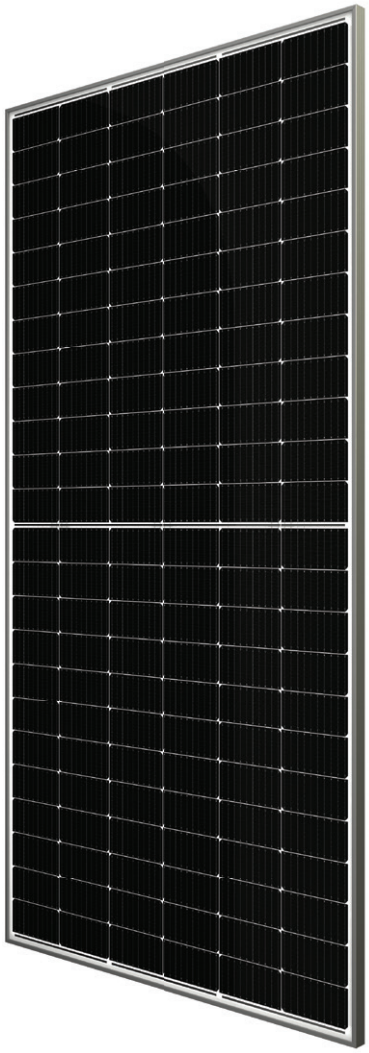
Self-Cleaning And Anti-Reflection Glass
Coating glass for self-cleaning reduces surface dust

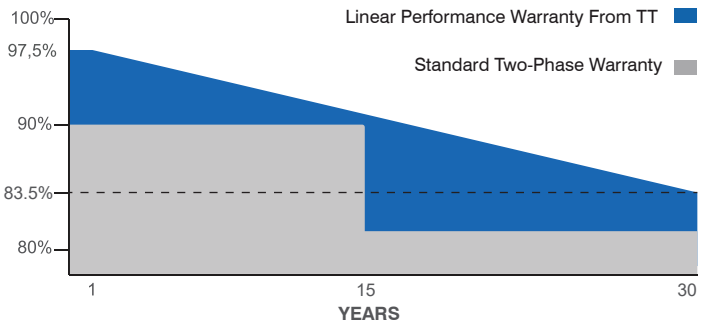
Outstanding Low Irradiation Glass
Outstanding panel performance even in weak light conditions

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

0～+5Wp Positive Power Tolerance
0~+5W

Easy Installation





30 Years Performance Warranty

15 Years Product Warranty

Half Cut

ISO PV CYCLE CE

IEC 61215, IEC 61730-1, IEC 61730-2
IEC 62804 PID (POTENTIAL INDUCED DEGRADATION)
IEC 61701 SALT MIST CORROSION
IEC 62716 AMMONIA CORROSION
ISO 9001:2015, ISO 14001:2015, ISO 45001:2018

Allianz

TommaTech GmbH - München / GERMANY

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Half-Cut

TOMMATECH GmbH
GERMAN-based company

Model Type	TT530 144PM10	TT535 144PM10	TT540 144PM10	TT545 144PM10	TT550 144PM10
Peak Power (P_{max})	530 Wp	535 Wp	540 Wp	545 Wp	550 Wp
Module Efficiency	20.50	20.70	20.89	21.09	21.28
Maximum Power Voltage (V_{mp})	41.60	41.80	42.00	42.20	42.40
Maximum Power Current (I_{mp})	12.75	12.80	12.86	12.92	12.98
Open Circuit Voltage (V_{oc})	49.40	49.60	49.80	50.00	50.20
Short Circuit Current (I_{sc})	13.58	13.63	13.70	13.76	13.82
Power Tolerance	0~+5W				
Maximum System Voltage	1500V DC				
Operating Temperature	-40 ~ +85°C				
Fire Safety Class	C				
Maximum Series Fuse Rating	25A				

MECHANICAL SPECIFICATIONS

Cell Dimensions(mm)	182x91
Cells per Module(pcs)	144 (24x6)
Weight(kg)	29.0
Panel Dimensions(mm)	2279x1134x35
Max. Wind/Snow Load(Pa)	2400/5400
Junction Box	IP68
Junction Box Cable Length(mm)	300-1200

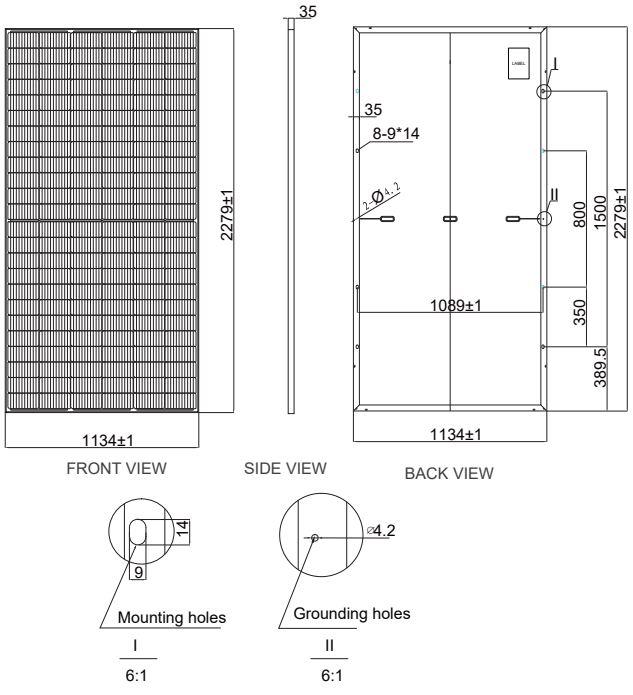
TEMPERATURE CHARACTERISTICS

Temp. Coeff. of Isc	0.050%/°C
Temp. Coeff. of Voc	-0.270%/°C
Temp. Coeff. of Pmax	-0.350%/°C

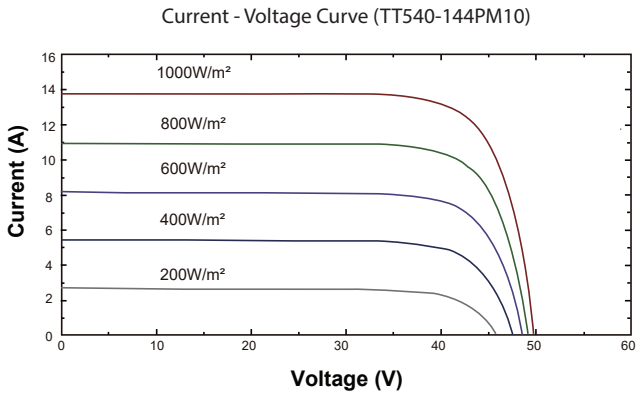
PACKING CONFIGURATION

Container	40' GP
Pieces per Pallet	31
Pieces per Container	620
Pallet Per Container	20

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.