

BIFACIAL TOPCON MONOCRYSTALLINE 132TNB12

- ◆ TT725-132TNB12 725 Wp
- ◆ TT720-132TNB12 720 Wp
- ◆ TT715-132TNB12 715 Wp
- ◆ TT710-132TNB12 710 Wp
- ◆ TT705-132TNB12 705 Wp
- ◆ TT700-132TNB12 700 Wp
- ◆ TT695-132TNB12 695 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



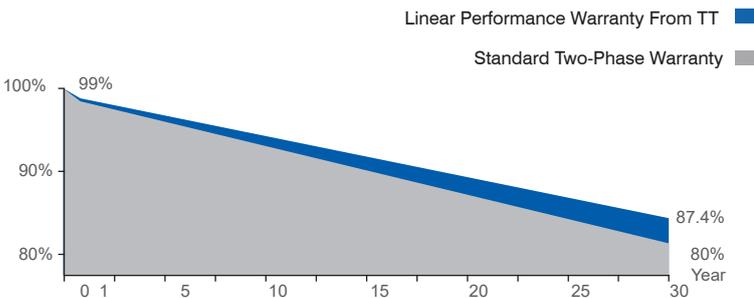
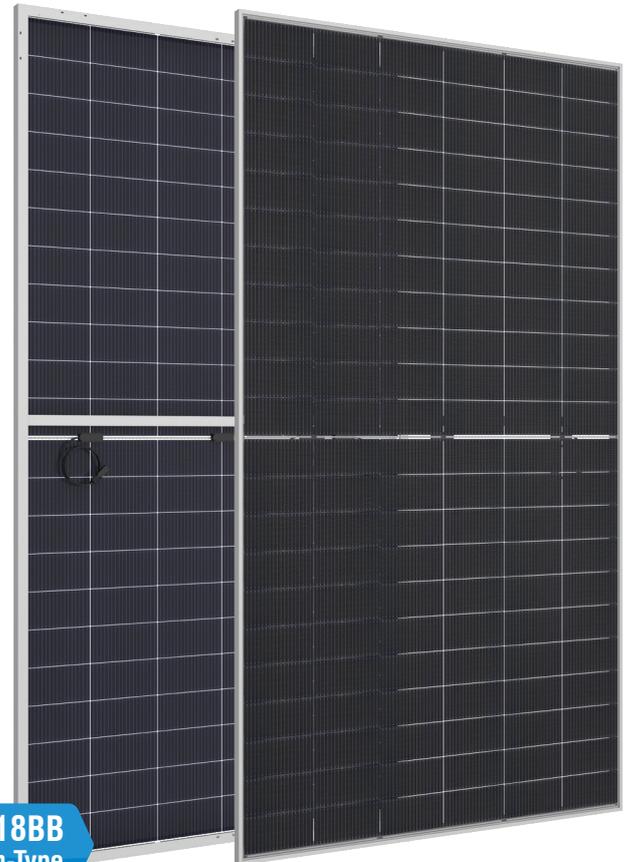
0~+5W Positive Power Tolerance



Easy Installation



Double Sided Power Generation



- ✓ 30 Years Performance Warranty
- ✓ 15 Years Product Warranty

Half-Cut

DOUBLE GLASS



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

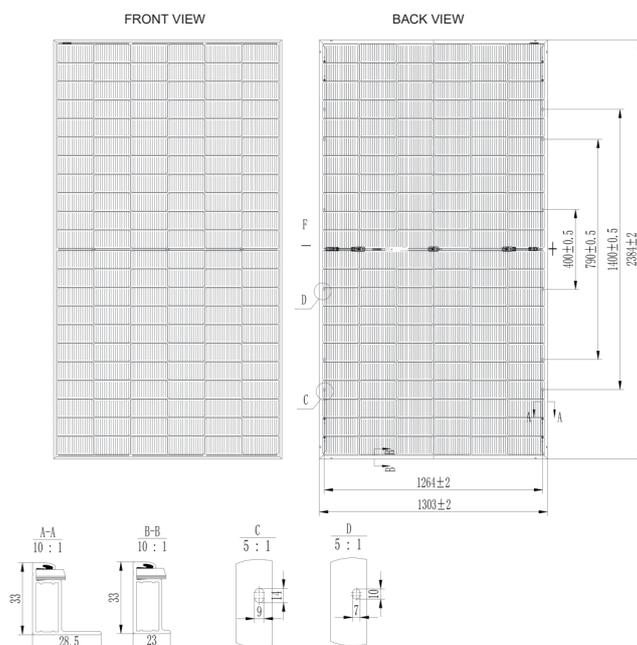


Model Type	TT695 132TNB12	TT700 132TNB12	TT705 132TNB12	TT710 132TNB12	TT715 132TNB12	TT720 132TNB12	TT725 132TNB12
Peak Power (Pmax)	695 Wp	700 Wp	705 Wp	710 Wp	715 Wp	720 Wp	725 Wp
Module Efficiency	22.40	22.50	22.70	22.90	23.00	23.20	23.30
Maximum Power Voltage (Vmp)	40.30	40.50	40.70	40.90	41.10	41.30	41.50
Maximum Power Current (Imp)	17.24	17.28	17.32	17.36	17.40	17.44	17.48
Open Circuit Voltage (Voc)	48.10	48.30	48.50	48.70	48.90	49.10	49.30
Short Circuit Current (Isc)	18.28	18.32	18.36	18.40	18.44	18.48	18.52
Power Tolerance	0~+5W						
Maximum System Voltage	1500V DC						
Operating Temperature	-40 ~ +85°C						
Fire Safety Class	Class II						
Maximum Series Fuse Rating	35A						

MECHANICAL SPECIFICATIONS

Cell Dimensions(mm)	210x105
Cells per Module(pcs)	132 (6x22)
Weight(kg)	38.1
Panel Dimensions(mm)	2384x1303x33
Max. Wind/Snow Load(Pa)	2400/5400
Junction Box	IP68
Junction Box Cable Length(mm)	300-1600
Glass Thickness (mm)	2.0 / 2.0

PHYSICAL CHARACTERISTICS



REAR SIDE POWER GAIN

5%	Max Power	730	735	740	746	751	756	761
	Efficiency	23.49%	23.66%	23.83%	24.00%	24.17%	24.34%	24.51%
15%	Max Power	799	805	811	817	822	828	834
	Efficiency	25.73%	25.91%	26.10%	26.28%	26.47%	26.66%	26.84%
25%	Max Power	869	875	881	888	894	900	906
	Efficiency	27.97%	28.17%	28.37%	28.57%	28.77%	28.97%	29.17%

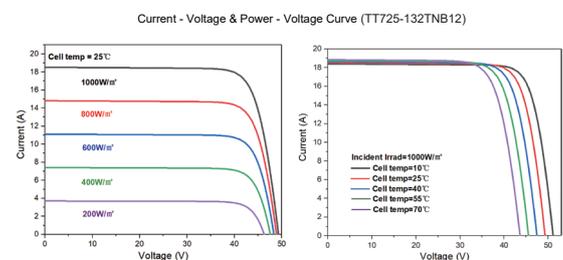
TEMPERATURE CHARACTERISTICS

Temp. Coeff. of (Isc)	0.04%/°C
Temp. Coeff. of (Voc)	-0.24%/°C
Temp. Coeff. of (Pmax)	-0.30%/°C

PACKING CONFIGURATION

Container	40' HC
Pieces per Pallet	33
Pieces per Container	594
Pallet Per Container	18

ELECTRICAL CHARACTERISTICS



* The specifications are obtained under the standard test conditions: 1000W/m2 solar irradiance, 1.5 Air Mass and cell temperature of 25°C. 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 technical specifications in this document may vary. For more information, refer to the "Installation Manual".

* For roof, facades and installations on similar surfaces, solar panels should be mounted over a fire-resistant covering suitable for this application, with adequate ventilation between the back of the solar panels and the mounting surface. Improper installations are hazardous and may spark a fire. Solar panels must not be mounted on structures and roofs which are made of not fire-resistant materials such as plastic layer, transparent plastic, PVC or similar materials without any fire-protection layer. Usage and installation not in accordance with the guidelines as outlined in the installation manual will terminate the warranty. Please refer to the installation manual and the warranty documents for further details.

* TommaTech® GmbH reserves the right to change the specification of products without prior notice.