

TOPCON FLEXIBLE BALCONY SOLAR PANEL

TT200-FLEX-BLN-48TN10 200Wp



TOPCon N-Type Cell Technology

High power output at low irradiance



16 Busbar Technology

High cell performance with 16-bit cell architecture



Ultra-Flexible Design

Easy installation on curved or uneven surfaces



Prism Surface

Maximum light absorption thanks to the prismatic surface



Ultra-Thin

Easy portability and flexible installation options



Lighter

Maximum ease of transport and installation



Robust Layer Architecture

A stronger design compared to standard flexible panels



IP65 Protection

High protection against water and dust

Designed for modern living spaces, the TOPCon Flexible Balcony solar panel combines a sleek, slim design with high efficiency. Thanks to its lightweight and flexible construction, it can be easily installed on balcony railings, transforming living spaces into energy-generating surfaces. Delivering strong performance even in low-light conditions, this solution offers long-lasting and reliable use thanks to its durable construction.

ISO 9001:2015, ISO 14001:2015, ISO 45001:2018



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ELECTRICAL FORCES

Model Type	TT200-FLEX-48TN10
Maximum Power (Pmax)	200
Power Rating (Wp)	0~+5
Module Efficiency (%)	21.6
Maximum Power Voltage (Vmp)	30.67
Maximum Power Current (Imp)	6.62
Open-Circuit Voltage (Voc)	34.8
Short-Circuit Current (Isc)	6.96
Maximum System Voltage (VDC)	1000
Maximum Series Insurance Current (A)	15

SOLAR CELL

Cell Type	TOPCon N-Type
Number of Cell Busbars (Units)	16
Cell Efficiency (%)	25.4
Cell Size (mm)	182.2 x 91.8 (M10R)
Cell Count (Number)	48

TEMPERATURE COEFFICIENT

Temperature Coefficient (Isc)	0.040%/°C
Temperature Coefficient (Voc)	0.260%/°C
Temperature Coefficient (Pmax)	-0.320%/°C

MECHANICAL PROPERTIES

Product Dimensions [WidthxLengthxThickness](mm)	1194 x 854 x 26
Packaged Product Dimensions [WidthxLengthxThickness](mm)	1218 x 855 x 70
Product Weight (kg)	3
Packaged Product Weight (kg)	4
Panel Protection Class	IP65

JUNCTION BOX FEATURES

Connector	MC4
Junction Box Cable Gauge	12AWG
Junction Box Cable Length (mm)	300

*The data above was obtained under standard test conditions (STC): 1000 W/m² solar irradiance, air mass 1.5 (AM), and a cell temperature of 25°C. The measurement uncertainty for all panels is 6%. Actual data will be subject to the terms of the contracts entered into. The technical values provided in this document are for informational purposes only and do not constitute part of any contract. The technical specifications in this document are subject to change. For detailed information, please refer to the "Installation and Assembly Guide."
*TommaTech® GmbH reserves the right to modify product specifications without prior notice.

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