

TOPCON N-TYPE FLEXIBLE SOLAR PANEL

TOMMATECH
GmbH
GERMAN-based company

TT300-FLEX-72TN10 300Wp



TOPCon N-Type Cell Technology

High power output at low irradiance



16 Busbar Technology

High cell performance with 16 BB cell architecture



Ultra-Flexible Design

Easy installation on curved or irregular surfaces



Prism Surface

Maximum light absorption thanks to the prismatic surface



Ultra-Thin

Easy portability and flexible installation options



Design Resistant to Marine Conditions

High performance against saltwater, moisture, and corrosion



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



The Tommatech FLEXIBLE TOPCon N-Type flexible solar panel; designed for a wide range of applications—from RVs to boats, and from marine applications to mobile solutions—is a high-efficiency energy solution that perfectly conforms to curved surfaces thanks to its lightweight and flexible design.

flexible

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



TommaTechGmbH-Garching b. München /GERMANY

www.tommatech.de
mail@tommatech.de

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TT300-FLEX-72TN10 300Wp

ELECTRICAL SPECIFICATIONS

Model Type	TT300-FLEX-72TN10
Maximum Power (Pmax)	300
Power Tolerance (Wp)	0~+5
Module Efficiency (%)	21.6
Maximum Power Voltage (Vmp)	46
Maximum Power Current (Imp)	6.62
Open-Circuit Voltage (Voc)	51.91
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)	72

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)	1184x1164x 2.6 ±3
Packaged Product Dimensions [WidthxLengtxThickness] (mm)	1240x1240x70
Product Weight (kg)	2.8
Packaged Product Weight (kg)	5
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 contained in this document are for informational purposes only and do not form 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 change product specifications without prior notice.