

Flexible Solar Panel

TT250-FLEX-60HE10

 **250 Wp**
Maximum Power

 **3.9 kg**
Lightweight Design

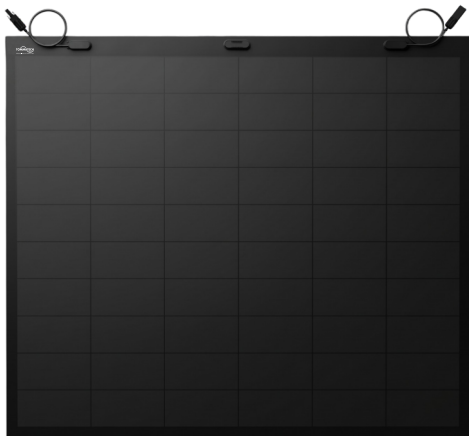
 **3.5 mm**
Slim Design

 **IP68**
High Protection

>%25.5
HIGH
Cell
Efficiency

5
YEAR
Product
Warranty

5
YEAR
Performance
Warranty



High-Efficiency 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



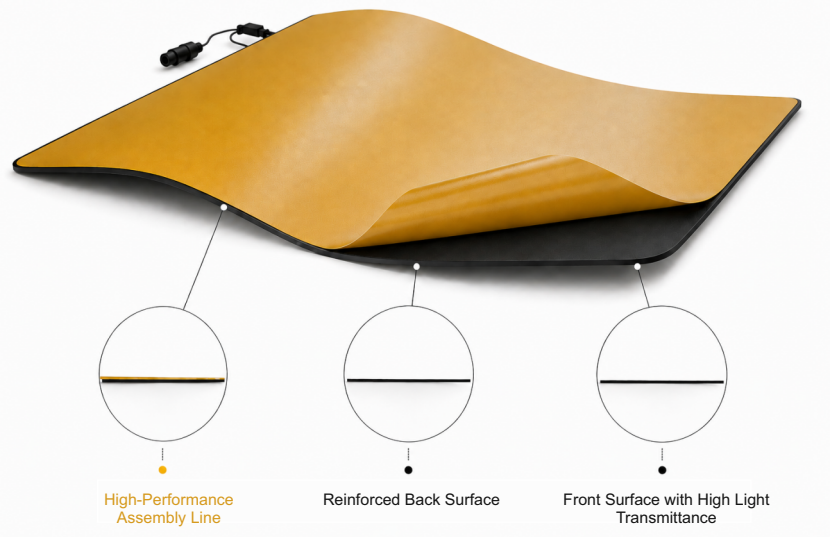
IP68 Protection
High protection against water and dust



Design Resistant to Marine Conditions
High performance against saltwater, moisture, and corrosion



Robust Layer Architecture
A stronger design compared to standard flexible panels



Flexible Solar Panel

TECHNICAL DATA

Electrical Powers

Model Type	TT250-FLEX-60HE10
Maximum Power (Pmax)	250
Power Tolerance (Wp)	0~+5
Module Efficiency (%)	21.6
Maximum Power Voltage (Vmp)	38.34
Maximum Power Current (Imp)	6.62
Open-Circuit Voltage(Voc)	43.20
Short-Circuit Current (Isc)	6.96
Maximum System Voltage (VDC)	1000
Maximum Series Insurance Current (A)	15

Solar Cell

Number of Cell Busbars (Units)	16
Cell Efficiency (%)	> 25.5
Cell Size (mm)	182.2 × 91.8 (M10R)
Cell Count (Number)	60 (6x10)

Temperature Coefficient

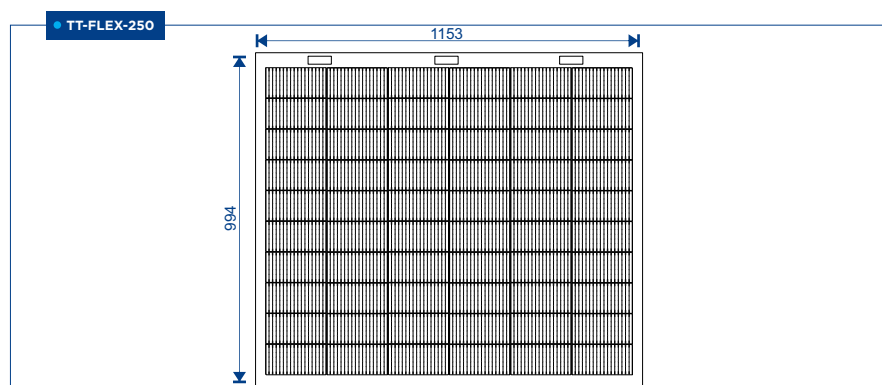
Temperature Coefficient (Isc)	0.040%/°C
Temperature Coefficient (Voc)	0.260%/°C
Temperature Coefficient (Pmax)	-0.320%/°C

Mechanical Properties

Product Dimensions: Width x Length x Thickness (mm)	1153 x 994 x 2.6 ±3
Packaged Product Dimensions: Width x Length x Thickness (mm)	1174 x 1113 x 70
Product Weight (kg)	3.9
Packaged Product Weight (kg)	6.2
Panel Protection Class	IP68

Junction Box Features

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



*The data above was obtained under standard test conditions (STC): 1,000 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 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 change product specifications without prior notice.