

Portable Solar Bag

TT-FSC-85



85 Wp
Maximum Power

2.1 kg
Portable Design

15 Lt
Large Interior Volume

>%25.5
HIGH
Cell
Efficiency

2
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



Foldable Architecture

A stronger design compared to standard flexible panels



IP65 Protection

High protection against water and dust



Design Resistant to Nature and Harsh Conditions

High performance against saltwater, moisture, and corrosion



Robust Layer Architecture

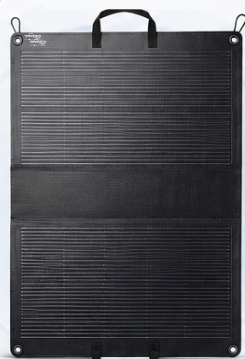
A stronger design compared to flexible panels

FUNCTIONAL DESIGN & MULTIPLE CONNECTIVITY

Powerful performance, flexible use, maximum compatibility

01

Open-Top Form



High-Efficiency
Solar Cells



Foldable &
Portable



Durable &
Long-Lasting

02

Multiple Connection Options



Phone



Tablet



Laptop



Power Station

03

Connection Box



XT60 DC
Output



USB-A QC
Output



LED Status
Indicator



USB-C PD
Fast Charging

Portable Solar Bag

TECHNICAL DATA

Electrical Powers

Model Type	TT-FSC-85
Maximum Power (Pmax)	85
Power Tolerance (Wp)	0~+5
Module Efficiency (%)	21.6
Maximum Power Voltage (Vmp)	12.78
Maximum Power Current (Imp)	6.62
Open-Circuit Voltage(Voc)	14.40
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)	20 (2x10)

Temperature Coefficient

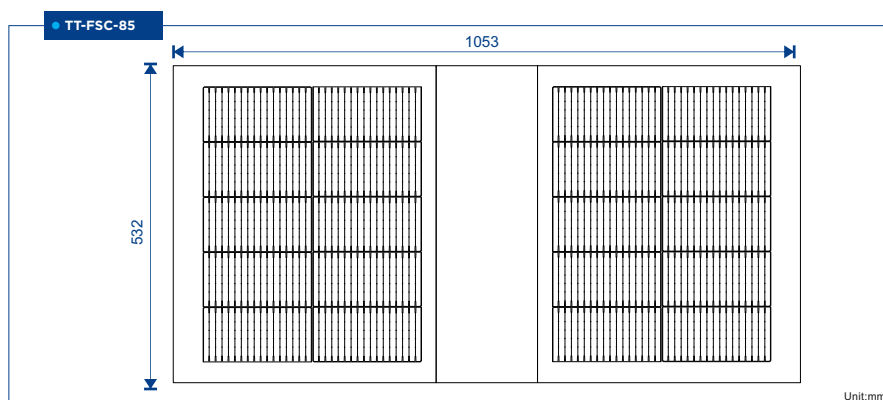
Temperature Coefficient (Isc)	0.040%/°C
Temperature Coefficient (Voc)	0.260%/°C
Temperature Coefficient (Pmax)	-0.320%/°C

Mechanical Properties

Product Dimensions: Width x Length x Thickness (mm)	1053 x 532 x 3 ±3
Packaged Product Dimensions: Width x Length x Thickness (mm)	1100 x 600 x 70
Product Weight (kg)	2.1
Packaged Product Weight (kg)	6.2
Panel Protection Class	IP65
Internal Capacity	15Lt

Connection Box Features

Output Ports	USB-A 2x / Type-C / Xt60
Xt60 Output	15A
USB-A 2x	Max. 18W (5V/3A 9V/2A 12V/1.5A)
Type-C	PD3.0 60W 5V/9V/12V/15V/20V (3.0A)



*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.