

TommaTech 150W Portable Solar Panel

Provides a portable energy solution wherever you need it.

With its foldable and ergonomic design, the next-generation TommaTech Portable Solar Panel Series stands out by enabling uninterrupted, eco-friendly, and reliable charging of your devices. Thanks to its adjustable integrated stand, it captures sunlight at the most efficient angle. Equipped with high-efficiency solar cells, the series offers a portable and sustainable energy solution with optimal power output and broad compatibility with various devices.



Expandable
Capacity



TOPCon
N-Type Cell
Technology



Excellent
Light Transmission
with ETFE



Compact
Foldable
Portable



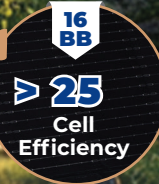
Wide Compatibility
Connectors
(MC4 & XT60)



Easy Installation
for Quick Use



Integrated
Stand



The TommaTech 150W Portable Solar Panel Series enables efficient storage of the energy it produces when used together with TommaTech power boxes. Its highly compatible architecture allows integration with a variety of devices, making access to uninterrupted and sustainable energy easier. With its lightweight and durable design, this portable solar panel series is ideal for outdoor use, offering a reliable and eco-friendly energy solution wherever you need power.

Power Box Model	1x150W TommaTech Portable Solar Panel	2x150W TommaTech Portable Solar Panel
	Charging Time	Charging Time
TommaTech R Series 500Wh Power Box	3 Hours	Not Suitable
TommaTech V Series 500Wh Power Box	3 Hours 30 Minutes	Not Suitable
TommaTech V Series 500Wh Plus Power Box	3 Hours 30 Minutes	Not Suitable
TommaTech V Series 1000Wh Power Box	6 Hours 30 Minutes	Not Suitable
TommaTech V Series 1200Wh Plus Power Box	7 Hours	3 Hours 30 Minutes
TommaTech V Series 2240Wh Power Box	15 Hours	7 Hours 30 Minutes



* The usage durations and production values mentioned above are calculated based on an average solar irradiation of 1400 kWh/m² per year (approximately 4 hours/day). The total daily energy produced may vary depending on weather conditions and geographic location.

PORTABLE SOLAR PANEL	TT150-36TN10-PRT 150Wp
Maximum Power (Pmax)	150
Power Tolerance	0~+5
Module Efficiency (%)	20,16
Voltage at Maximum Power (Vmp)	22,60
Current at Maximum Power (Imp)	6,63
Open Circuit Voltage (Voc)	26,10
Short Circuit Current (Isc)	6,84
Maximum System Voltage (V DC)	1000
Maximum Series Fuse Rating (A)	15

Solar Cell	Temperature Coefficient
Cell Type	TOPCon N-Type
Number of Cell Busbars (pcs)	16
Cell Efficiency (%)	25,1
Cell Size (mm)	182 x 91
Number of Cells (pcs)	36
Temperature Coefficient (Isc)	0.040%/°C
Temperature Coefficient (Voc)	0.260%/°C
Temperature Coefficient (Pmax)	-0.320%/°C

Mechanical Properties	
Folded Product Dimensions (Width x Length x Thickness) (mm)	420x600x25
Unfolded Product Dimensions (Width x Length x Thickness) (mm)	1260x600x5
Product Weight (Kg)	3,4
Packaged Product Weight (Kg)	4,5
Junction Box Cable Length (mm)	600
Number of Panel Wings (pcs)	3
Connector	MC4
Outer Coating	Fabric
Protection Class	IP54
Warranty Period	2 Years (24 Months)

Perspective View



Front View



Side View



* The above data has been obtained under Standard Test Conditions (STC): 1000 W/m² solar irradiance, 1.5 (AM) air mass, and 25 °C cell temperature. The measurement uncertainty for all panels is ±3%. Actual values are subject to contractual terms. The technical specifications provided in this document are for informational purposes only and do not constitute part of any contract. Specifications in this document may vary. For detailed information, please refer to the "Installation Manual."

* TommaTech® GmbH reserves the right to change product specifications without prior notice.