

PORTABLE SOLAR PANEL

TommaTech 200W Portable Solar Panel

Provides a portable energy solution wherever you need it.

The new generation TommaTech Portable Solar Panel Series stands out with its foldable and ergonomic design, allowing you to charge your devices continuously, environmentally-friendly, and reliably by capturing sunlight at the most efficient angle thanks to its adjustable integrated stand.

Equipped with high-efficiency solar cells, the series offers a portable and sustainable energy solution with optimal power output, ensuring compatibility with a wide range of devices.



Expandable
Capacity



TOPCon
N-Type
Cell Technology



Excellent Light
Transmittance with
ETFE



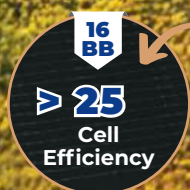
Compact
Foldable
Portable



Wide Range
of Compatible
Connectors
(MC4&XT60)



Easy
Installation
and Fast Use



Integrated Stand

The TommaTech 200W Portable Solar Panel Series ensures efficient storage of the generated energy when used with TommaTech power boxes. Its highly compatible architecture enables seamless integration with various devices, making access to continuous and sustainable energy easier than ever. With its lightweight and durable design, the portable solar panel series is ideal for outdoor use, offering a reliable and eco-friendly energy solution wherever you need power.

Powerbox-Modell	1x200W TommaTech Portable Solar Panel	2x200W TommaTech Portable Solar Panel
	Charging Time	Charging Time
TommaTech R Series 500 Wh Power Box	2 Hours 15 Minutes	Not Compatible
TommaTech V Series 500 Wh Power Box	2 Hours 30 Minutes	Not Compatible
TommaTech V Series 500 Wh Plus Power Box	2 Hours 35 Minutes	Not Compatible
TommaTech V Series 1000 Wh Power Box	4 Hours 50 Minutes	Not Compatible
TommaTech V Series 1200 Wh Plus Power Box	5 Hours 10 Minutes	2 Hours 30 Minutes
TommaTech V Serie 2240 Wh Power Box	11 Hours 10 Minutes	5 Hours 35 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 output may vary depending on weather conditions and geographical location.

Model Type	TT200-48TN10-PRT 200Wp
Maximum Power (Pmax)	200
Power Tolerance	0~+5
Module Efficiency (%)	20,14
Maximum Power Voltage (Vmp)	30,14
Maximum Power Current (Imp)	6,63
Open-Circuit Voltage (Voc)	34,80
Short-Circuit Current (Isc)	6,84
Maximum System Voltage (V DC)	1000
Maximum Series Fuse Current (A)	15

Solar Cell	
Cell Type	TOPCon N-Type
Number of Busbars (pcs)	16
Cell Efficiency (%)	25,1
Cell Size (mm)	182 x 91
Number of Cells (pcs)	48

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

Mechanical Properties	
Folded Product Size (W×L×D)(mm)	420x600x32
Unfolded Product Size (W×L×D)(mm)	1680x600x5
Product Weight (kg)	4,4
Packaging Weight (kg)	5,5
Connection 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 was determined under Standard Test Conditions (STC): 1000 W/m² solar irradiation, 1.5 (AM) air mass and 25°C cell temperature. The measurement uncertainty for all modules is 3%. Actual values are subject to individual contracts. The technical values in this document are for informational purposes only and do not form part of any contract. The technical 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.