

# Victron Solar Panel 305W-20V Mono 1658x1002x35mm series 4b

SKU: ENG-VT-00105

MPN: VIC.SPM043052002

Barcode: 8719076057772

## Description

The SPM043052002 305 W BlueSolar Monocrystalline Solar Panel is manufactured by Victron Energy.

- Low voltage-temperature coefficient enhances high-temperature operation.
- Exceptional low-light performance and high sensitivity to light across the entire solar spectrum.
- 25-Year limited warranty on power output and performance.
- 5-Year Limited warranty on materials and workmanship.
- Sealed, waterproof, multifunctional junction box gives high level of safety.
- High performance bypass diodes minimize the power drop caused by shade.
- Advanced EVA (Ethylene Vinyl Acetate) encapsulation system with triple-layer back sheet meets the most stringent safety requirements for high-voltage operation.
- A sturdy, anodized aluminium frame allows modules to be easily roof-mounted with a variety of standard mounting systems.
- Highest quality, high-transmission tempered glass provides enhanced stiffness and impact resistance.
- Pre wired quick-connect system with PV-ST01 ...



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### Victron Energy

Victron Energy is a Dutch company specialized in the design and manufacture of products for battery-based energy systems. Since 1975, Victron Energy has grown from a one-office technology startup to become an international enterprise with nearly 1,000 different products sold worldwide. In the off-grid sector, we offer reliable and innovative solutions from solar home systems to mini-grids. Our ...

# Electrical Specification (STC)

Nominal Power Pmax:	305 W	Max-Power Voltage Vmp:	32.5 V
Max-Power Current Impp:	9.38 A	Open-Circuit Voltage Voc:	39.7 V
Short-Circuit Current Isc:	10.27 A	Module Efficiency:	18.35%
Max System Voltage:	1000 V	Cells in Series:	72
Temp. Coefficient Pmax:	-0.45 %/°C	Power Tolerance:	9.15 W
Temp. Coefficient Isc:	0.04 %/°C	Temp. Coefficient Voc:	-0.35 %/°C

# Physical Specification

Dimensions:	1,658 × 1,002 × 35 mm	Weight:	19 kg
Cell Type:	Monocrystalline	Min. Operating Temperature:	-40 °C
Mounting:	Solar Rail Clamp	Max. Operating Temperature:	85 °C

# Power Connections

Quantity	Power Connector	Cable Series	Length
1	MC4 Female	4mm <sup>2</sup> Single Core DC Power Cable	900 mm
1	MC4 Male	4mm <sup>2</sup> Single Core DC Power Cable	900 mm

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