



BLUESUN SOLAR LIMITED



Semi-Flexible Solar Panels

110W/160W



Shingled Semi-Flexible Solar Panels

BSM-SFLEX-110W

Warranty

- ◆ 2 years Manufacturer Warranty
- ◆ Warranty on Electrical Performance: 10 years 80% of power output

Manufacturing

- ◆ Original cell sorting system ensures the best electric cell match
- ◆ EL-Testing before packing.
- ◆ Comprehensive module power testing.

Performance

- ◆ Upgraded efficiency and unprecedented flexibility.
- ◆ Weakened hot-spot effect, extremely low risk of micro cracks and increased stability by shingle-tech.
- ◆ Special connection method lowers the internal resistance and ensures better performance than traditional connection with busbar.
- ◆ IP67 rated junction box, reliable cables and standard MC4 connectors improve the stability



Mechanical Data

Standard Test Conditions AM=1.5, E=1000W/m², TC=25°C

Nominal Power	110W
Cell Type	Monocrystalline
Module	21.1%
Maximum Power Current (Impp)	5.86A
Maximum Power Voltage (Vmpp)	18.80V
Open-circuit Voltage (Voc)	22.30V
Short-circuit Current (Isc)	6.21A
Maximum System Voltage	100V
Output Tolerance	+3%
Cable	900mm / 2.5mm ²
Connector Type	MC4 / MC4 Compatible
Module Structure	ETFE / EVA / Backsheet
Junction box rating	≥IP67
Number of Diodes	One
Working Temperature	-20°C~+65°C

Packaging

Module Dimensions	1160*450*2mm
Module Weight	1.9kg
Package	Single Package
Pieces per Pallet	68
Gross Weight per Pallet	219kg
Pallet Dimensions	1200*1100*1070mm



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Mechanical Data

Standard Test Conditions AM=1.5, E=1000W/m², TC=25°C

Nominal Power	160W
Cell Type	Monocrystalline
Module	20.1%
Maximum Power Current (Imp)	8.52A
Maximum Power Voltage (Vmpp)	18.8V
Open-circuit Voltage (Voc)	22.3V
Short-circuit Current (Isc)	9.03A
Maximum System Voltage	100V
Output Tolerance	+ 3%
Cable	900mm / 2.5mm ²
Connector Type	MC4 / MC4 Compatible
Module Structure	ETFE / EVA / Backsheet
Junction box rating	≥ IP67
Number of Diodes	One
Working Temperature	-20°C ~ +65°C

Packaging

Module Dimensions	1170*680*2mm
Module Weight	2.15kg
Package	Single Package
Pieces per Pallet	34
Gross Weight per Pallet	151kg
Pallet Dimensions	1200*1100*840mm

