

50W CPC semi-flexible solar panel

Warranty

- ◆ 2 years Manufacturer Warranty

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	50W
Cell Type	Monocrystalline
Model of Cells	105mm*70mm
Maximum Power Current (Impp)	2.62A
Maximum Power Voltage (Vmpp)	19.14V
Open-circuit Voltage (Voc)	22.44V
Short-circuit Current (Isc)	2.77A
Maximum System Voltage	200V
Output Tolerance	±3%
Cable	900mm / 2.5mm ²
Connector Type	MC4 / MC4 Compatible
Module Structure	CPC/EVA / Backsheet
Junction box rating	≥ IP67
Diode	✓
Working Temperature	-20°C ~ +65°C

Packaging

Module Dimensions	865*365*2mm
Module Weight	0.7 kg
Package	SinglePackage
Pieces per Pallet	free
Gross Weight per Pallet	free
Pallet Dimensions	free

SOLMAX NEW ENERGY B.V.

Address: Defensiedok 18,3433 KL, Nieuwegein, The Netherlands

Tel: +31-307855708

Email: info1@solarfam.nl

