

RED
SOLAR

SUNPATH
series
SPHSGD-M2-200W

**SOLAR MODULE
MONOCRYSTALLINE
PERC CELLS**

Sunpath SPHSGD-M2 panels with Shingled technology significantly reduce the gap between panels to maximise the use of space.



QUALITY BENEFITS

Highly efficient Shingled cell

Shingled technology with PERC tile cells allows more energy to be generated, improving efficiency by up to 22%.

Excellent strength

The shingled solar module has a high-strength aluminium frame for durability.

Modern aesthetics

With a cell design that is unique on the market thanks to its elegant black colour.

Strong protection

The panel is sealed with solar silicone which keeps out water vapour and provides a high degree of waterproofing.

Multiple uses

Its price-performance ratio makes it suitable for use in multiple scenarios, standing out from panels with similar characteristics.

Environmentally responsible

Reduced carbon footprint and negative environmental impact, thanks to energy savings and sustainability.

SPECIFICATIONS

Electrical parameters STC

Max. Power (Pmax)	200W
Module Efficiency (%)	22.0%
Max Power Voltage (Vmp)	22.8V
Max Power Current (Imp)	8.78A
Open Circuit Voltage (Voc)	26.9V
Short Circuit Current (Isc)	9.30A
Operating temperature (°C)	-40°C~+85°C
Max System Voltage (V)	1000V DC
Output tolerance	±3%

Temperature

Temp. Coef. Pmax (%)/°C	-0.38%/°C
Temp. Coef. Voc (%)/°C	-0.36%/°C
Temp. Coef. Isc (%)/°C	0.07%/°C

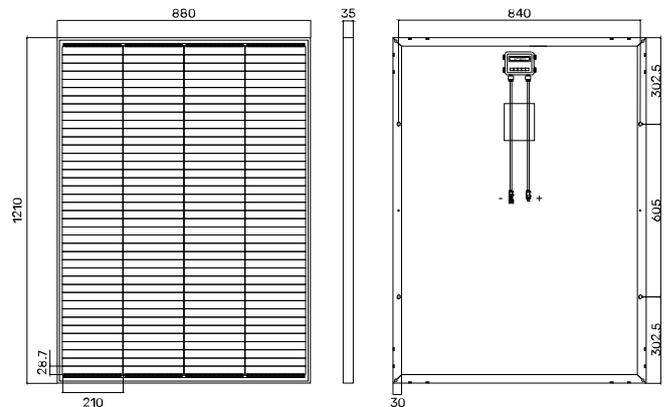
Mechanical parameters

Cell type	Monocrystalline solar cells Grade A 210 mm
Number of cells and connections	160(4x40)
Dimensions (mm)	1210x880x35mm
Weight (kg)	11.59 kg
Output cable	2*diodes + 900mm/4mm ² cable + MC4 compatible
Protection	IP65
Certifications	CE, ROHS

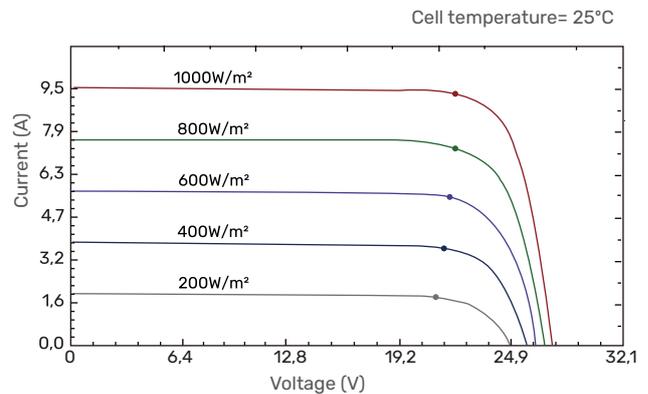
Certifications and warranty

Product warranty	10 years
Power output warranty	25 years

Diagrams



I-V curves at SPHSGD-M2-200W at different irradiances



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