

RED
SOLAR

SUNPATH
series

SPHSGD-M2-200W

**SOLAR MODULE
MONOCRYSTALLINE
PERC CELLS**

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



**Product
Warranty**



**Power Output
Warranty**



200W

**1210 x
880 mm**

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

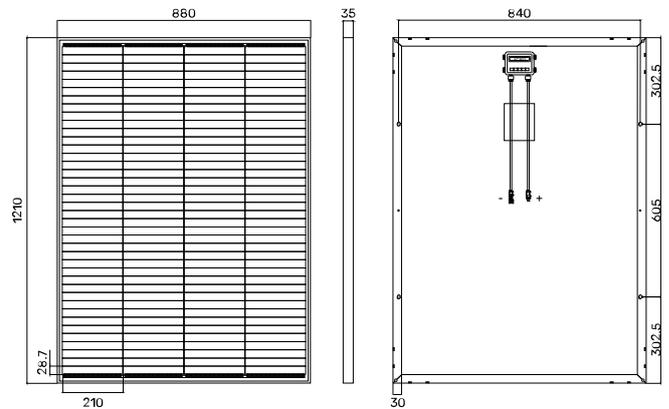
Mechanical parameters

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

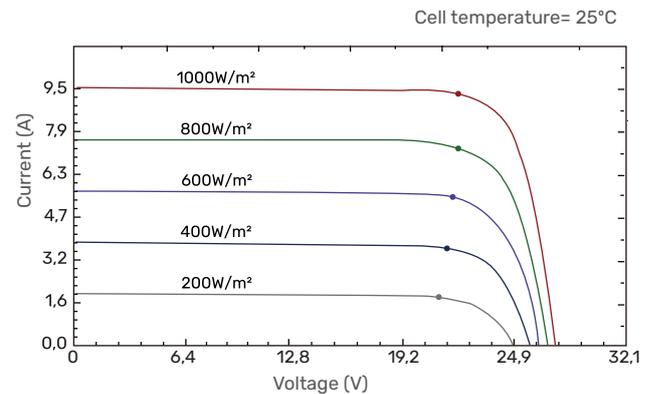
Certifications and warranty

Product warranty	10 years
Power output warranty	25 years

Diagrams



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



Specification and key features described in this data sheet may vary slightly and are not guaranteed. The right is reserved to make any adjustments to the information described in this document at any time and without prior notice. Please always obtain the most recent version of the data sheet, which shall be duly incorporated into the binding contract entered into by the parties governing all transactions relating to the sale and purchase of the products described herein.