



# BiTile 210Wp Full Black

*Small dimensions solar panel*

**RS210M6-30FB**

**MONO CRYSTALLINE MODULE**

788x1490x6 mm / 210 W



### Technology

High module conversion efficiency through superior manufacturing technology.



### Performance

High performance under low light conditions (Cloudy days, mornings and evenings)



### Visual attraction factor

Full black appearance, aesthetically pleasing with a 'slate like' presence.



### Quality

Manufactured according to International Quality and Environmental Management Systems. (ISO9001 / ISO14001)



### Power Positive Tolerance

Guaranteed power output (0-+3%)

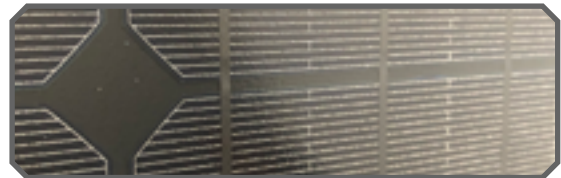


### Value

Optimal value for pricing



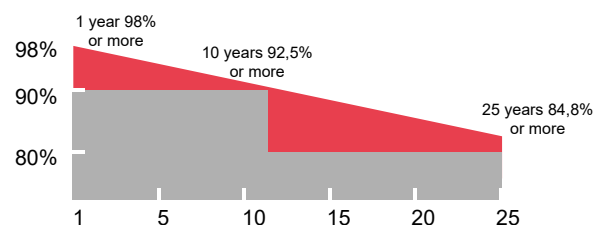
- All modules are manufactured using TQC/SPC quality control systems.
- Advanced cell sorting to avoid electric mismatch.
- 100% EL Test before lamination and prior to shipment.
- Comprehensive Safety and Reliability tests performed.



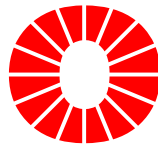
- Mono Crystalline 182 x 182 mm cells are used in the modules with better performance in terms of parameters.
- CE tested in accordance with IEC61215 & IEC61730.



- Our IP67 rated junction box improves module performance and stability.
- High performance connectors provide low resistance interconnection to ensure the full utilization of module output power.



- 10 year Manufacturer Warranty.
- 10 year Warranty 92,5% power output.
- 25 year Warranty 84,8% power output.



## ELECTRICAL SPECIFICATIONS

\*STC irradiance of 1000W/m<sup>2</sup>, spectrum AM1.5, cell temp. 25°C

Module	Pm(W)	Tolerance	Imp(A)	Vmp(V)	Isc(A)	Voc(V)	Efficiency
RS210M6	210	0/+3%	12.66	17.00	13.05	20.57	19.50%

## MECHANICAL DATA

Cell type	DMPD11B182
Cell arrangement	30 (half cut 15x4)
Module structure	Glass / EVA / Backsheet (white)
Glas thickness	4.0 mm
Application class	Class A (IEC 61730)
Junction Box rating	IP67
Cables	680 mm / 4mm <sup>2</sup>
Connector type	MC4 Compatible
Fire rating class	Class C

## MAXIMUM RATINGS

Operating temperature	-40°C / 85°C
System voltage	1000V DC (IEC)
Series fuse rating	20A
Number of diodes	2
Cell efficiency	21.9%

## PACKAGING

Module dimensions	1490 x 788 x 5,4 mm
Weight	13,9 kg
Pallet dimensions	1610 x 1130 x 965 mm
Container	40'GP
Pieces per pallet	58
Pallets per container	28
Modules per container	1624
Gross weight per pallet	830 kg
Gross weight per container	23.240 kg

## TEMPERATURE CHARACTERISTICS

Nominal operating cell temperature (NOCT)	50°C ± 2°C
Temperature coefficient van Isc	+0.060%/ °C
Temperature coefficient van Voc	-0.300%/ °C
Temperature coefficient van Pmax	-0.390%/ °C

