

Play it safe



Premium modules
MADE IN GERMANY

**Next
Generation**

Premium M mono

190 W • 195 W • 200 W

- Higher power classes
- Plus-sorted
- Improved frame stability
- 12-year product warranty
25-year performance warranty
- Guaranteed high yields for decades

Premium M mono

Electrical data under STC (Standard Test Conditions: 1000 W/m², 25 °C, AM 1.5)

Rated power	P _{max}	190 W	195 W	200 W
Sorting limits of performance		0/+5 W	0/+5 W	0/+5 W
Voltage	U _{MPP}	37.00 V	37.05 V	37.10 V
Open circuit voltage	U _{OC}	45.00 V	45.05 V	45.10 V
Current	I _{MPP}	5.13 A	5.25 A	5.35 A
Short-circuit current	I _{SC}	5.45 A	5.55 A	5.65 A
Efficiency		14.9%	15.3%	15.7%

Electrical data at 800 W/m², NOCT (46°C +/- 2K), AM 1.5

Power in MPP	P _{max}	138 W	142 W	145 W
Voltage	U _{MPP}	29.66 V	29.70 V	29.74 V
Open circuit voltage	U _{OC}	37.19 V	37.23 V	37.27 V
Current	I _{MPP}	4.67 A	4.78 A	4.87 A
Short-circuit current	I _{SC}	4.92 A	5.01 A	5.10 A

The efficiency decreases by approximately 3% compared to the efficiency under STC at an irradiation of 200 W/m² and 25 °C.

Temperature data

Power temperature coefficient	T _K (P _{MPP})	- 0.48 %/K
Voltage temperature coefficient	T _K (U _{OC})	- 0.34 %/K
Current temperature coefficient	T _K (I _{SC})	0.02 %/K

Further information

Number of cells	72
Max. system voltage	1000 V
Reverse current loading capability	15 A
Front cover	Special hardened low-iron glass
Module connection	Junction box with 3 bypass diodes, 2.0 m solar cable Ø 4 mm², plug connector IP 68 Lumberg LC4, socket at the junction box
Snow load* Load tested according to EN IEC 61215 (ed. 2)	5400 Pa $\triangleq$ 550 kg/m²

* In compliance with the installation and operating manual.

12-year product warranty, 25-year performance warranty on solar power modules according to our additional warranty conditions, which we will gladly send you.

Subject to technical modifications with corresponding follow-up certifications.

Certifications

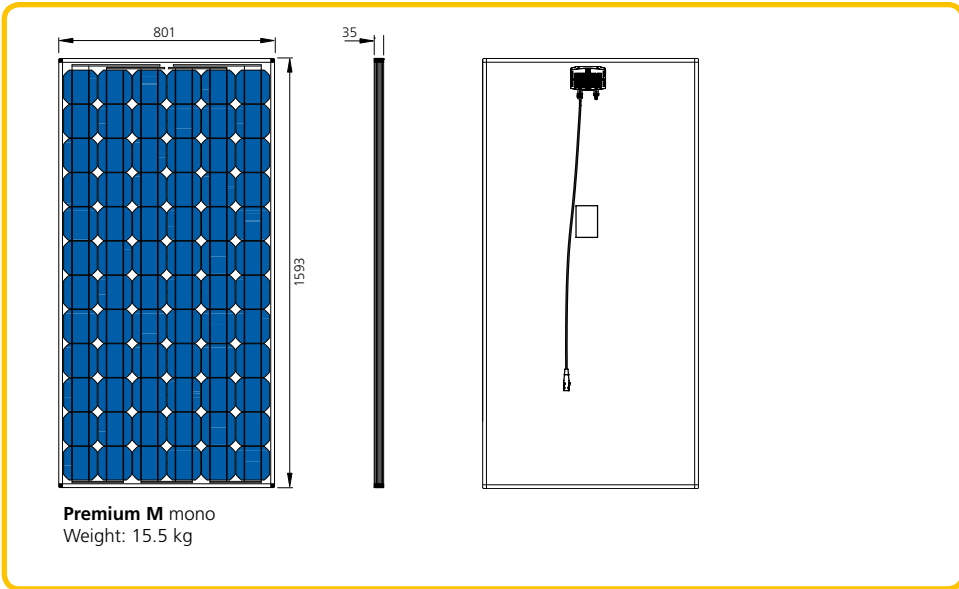
EN IEC 61215 (ed. 2)

EN IEC 61730-1, -2

Protection class II

Directive 2006/95/EG (CE)

MCS



Premium M mono
Weight: 15.5 kg

Your specialist dealer:

Solar-Fabrik AG
Munzinger Str. 10
79111 Freiburg
Germany
Phone +49 (0)761 4000-0
Fax +49 (0)761 4000-199
www.solar-fabrik.de