



Play it safe



Premium modules

Next  
Generation

## Premium L mono

250 W • 255 W • 260 W • 265 W

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

# Premium L mono

## Electrical data under STC (Standard Test Conditions: 1000 W/m<sup>2</sup>, 25 °C, AM 1.5)

Rated power	$P_{max}$	250 W	255 W	260 W	265 W
Sorting limits of performance		0/+5 W	0/+5 W	0/+5 W	0/+5 W
Voltage	$U_{MPP}$	30.50 V	30.70 V	30.85 V	31.00 V
Open circuit voltage	$U_{OC}$	37.50 V	37.80 V	38.00 V	38.20 V
Current	$I_{MPP}$	8.20 A	8.35 A	8.45 A	8.50 A
Short-circuit current	$I_{SC}$	8.80 A	8.87 A	8.92 A	8.98 A
Efficiency		15.0%	15.3%	15.6%	15.9%

## Electrical data at 800 W/m<sup>2</sup>, NOCT (45 °C +/- 2K), AM 1.5

Power in MPP	$P_{max}$	187 W	191 W	195 W	197 W
Voltage	$U_{MPP}$	28.11 V	28.29 V	28.43 V	28.57 V
Open circuit voltage	$U_{OC}$	34.65 V	34.93 V	35.11 V	35.30 V
Current	$I_{MPP}$	6.64 A	6.76 A	6.84 A	6.89 A
Short-circuit current	$I_{SC}$	7.10 A	7.15 A	7.19 A	7.24 A

The efficiency decreases by approximately 3% compared to the efficiency under STC at an irradiation of 200 W/m<sup>2</sup> and 25 °C.

## Temperature data

Power temperature coefficient	$T_K(P_{MPP})$	-0.47 %/K
Voltage temperature coefficient	$T_K(U_{OC})$	-0.33 %/K
Current temperature coefficient	$T_K(I_{SC})$	0.05 %/K

## Further information

Number of cells	60
Max. system voltage	1000 V
Reverse current loading capability	17 A
Front cover	Special hardened low-iron glass
Module connection	Connection box with 3 bypass diodes, 2.6 m solar cable Ø 4 mm <sup>2</sup> , plug connector IP 68 Lumberg LC4, socket at the connection box
Snow load* Load tested according to EN IEC 61215 (ed. 2)	5400 Pa $\triangleq$ 550 kg/m <sup>2</sup>

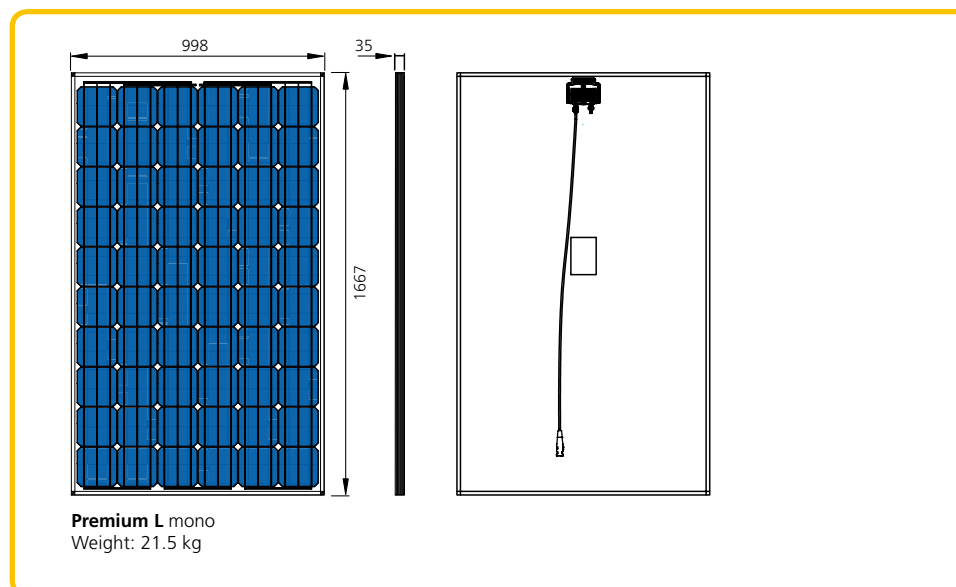
\* In compliance with the installation and operating manual.

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



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](http://www.solar-fabrik.de)