

Play it safe



Premium modules

12-year  
product warranty

**NEW**

## Premium L poly

215 W • 220 W • 225 W • 230 W • 235 W

- Guaranteed high yields for decades
- 12-year product warranty  
25-year performance warranty
- Certified production with state-of-the-art technology

# Premium L poly

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

Rated power	$P_{max}$	215 W	220 W	225 W	230 W	235 W
Sorting limits of performance		+/- 2.5 W	+/- 2.5 W	+/- 2.5 W	+/- 2.5 W	+/- 2.5 W
Voltage	$U_{MPP}$	28.30 V	28.60 V	29.10 V	29.60 V	29.70 V
Open circuit voltage	$U_{OC}$	36.00 V	36.40 V	36.90 V	37.40 V	37.40 V
Current	$I_{MPP}$	7.60 A	7.70 A	7.75 A	7.80 A	7.94 A
Short-circuit current	$I_{SC}$	8.10 A	8.15 A	8.30 A	8.40 A	8.50 A
Efficiency		12.9 %	13.2 %	13.5 %	13.8 %	14.1 %

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

Power in MPP	$P_{max}$	161 W	164 W	168 W	172 W	176 W
Voltage	$U_{MPP}$	25.92 V	26.19 V	26.65 V	27.11 V	27.20 V
Open circuit voltage	$U_{OC}$	33.28 V	33.65 V	34.11 V	34.57 V	34.57 V
Current	$I_{MPP}$	6.20 A	6.28 A	6.32 A	6.36 A	6.48 A
Short-circuit current	$I_{SC}$	6.56 A	6.61 A	6.73 A	6.81 A	6.89 A

The efficiency decreases by approximately 3.2% 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	$T_K(U_{OC})$	-120 mV/K
Current temperature coefficient	$T_K(I_{SC})$	4.70 mA/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 LC3, socket at the connection box
Snow load* Load tested according to EN IEC 61215 (ed. 2)	Framed: 5400 Pa $\hat{=}$ 550 kg/m <sup>2</sup>

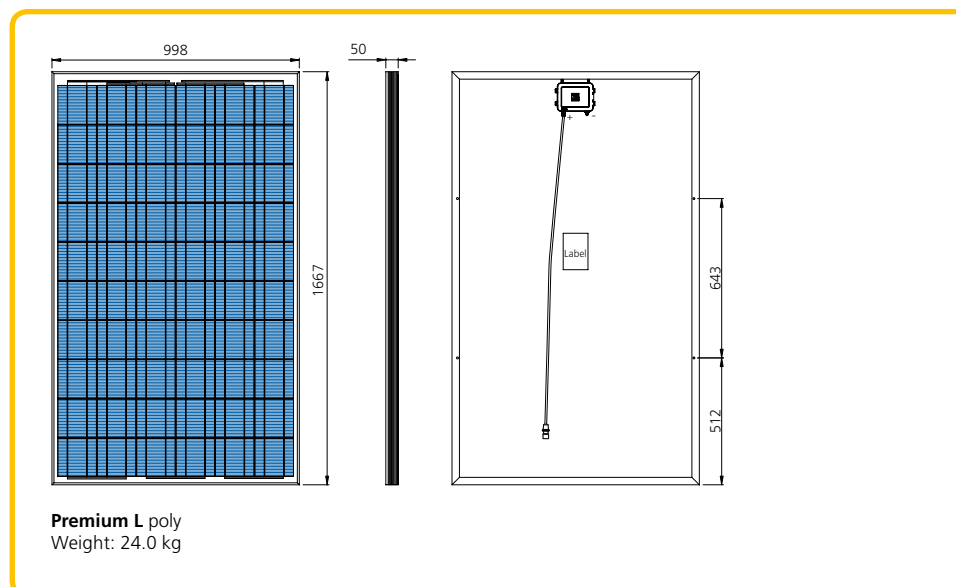
\* In combination with our patented Profilink mounting system and in compliance with the installation and operating manual.

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 CEI 61730-1; -2	
Protection class II	
Directive 2006/95/EG (CE)	
MSC	pending



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