

Play it safe



Premium modules

## Premium L poly

215 W • 220 W • 225 W • 230 W • 235 W

- Guaranteed high yields for decades
- 7-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	$P_{max}$	148 W	151 W	155 W	158 W	162 W
Voltage	$U_{MPP}$	23.73 V	23.98 V	24.40 V	24.82 V	24.91 V
Open circuit voltage	$U_{OC}$	31.09 V	31.43 V	31.87 V	32.30 V	32.30 V
Current	$I_{MPP}$	6.23 A	6.31 A	6.35 A	6.40 A	6.51 A
Short-circuit current	$I_{SC}$	6.60 A	6.64 A	6.76 A	6.84 A	6.92 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	$T_K(I_{SC})$	5.45 mA/K

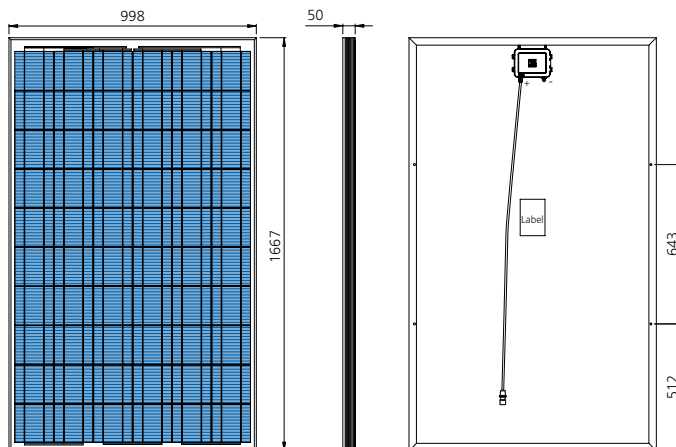
## Further information

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.

7-year product warranty, 25-year performance warranty according to our additional warranty conditions, which we will gladly send you. Subject to technical modifications with corresponding follow-up certifications.

Certified by VDE according to DIN EN ISO 9001, Reg. No. 5002983/QM/11.2003; DIN EN ISO 14001, Reg. No. 5002983/UM/11.2003



**Premium L poly**  
Weight: 24.0 kg

## Certifications

EN IEC 61215 (ed. 2)

EN IEC 61730

Protection class II

Directive 89/336/EEC (CE)

Directive 73/23/EEC (CE)



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