

Play it safe



Premium modules
MADE IN GERMANY

12-year
product warranty **NEW**

Premium S mono

125 W • 130 W • 135 W

- Guaranteed high yields for decades
- 12-year product warranty
25-year performance warranty
- Certified production with state-of-the-art technology
- Also available without frame

Premium S mono

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

Rated power	P_{max}	125 W	130 W	135 W
Sorting limits of performance		+/- 2.5 W	+/- 2.5 W	+/- 2.5 W
Voltage	U_{MPP}	17.50 V	17.72 V	17.94 V
Open circuit voltage	U_{OC}	21.65 V	22.09 V	22.40 V
Current	I_{MPP}	7.14 A	7.34 A	7.52 A
Short-circuit current	I_{SC}	7.69 A	7.81 A	7.93 A
Efficiency		12.5 %	13.0 %	13.5 %

Electrical data at 800 W/m², NOCT (47 °C +/- 2K), AM 1.5

Power in MPP	P_{max}	94 W	97 W	101 W
Voltage	U_{MPP}	15.98 V	16.18 V	16.39 V
Open circuit voltage	V_{OC}	19.86 V	20.26 V	20.55 V
Current	I_{MPP}	5.86 A	6.02 A	6.17 A
Short-circuit current	I_{SC}	6.28 A	6.37 A	6.47 A

The efficiency decreases by approximately 3.1% compared to the efficiency under STC at an irradiation of 200 W/m² and 25 °C.

Temperature data

Power temperature coefficient	$T_k(P_{MPP})$	-0.47 %/K
Voltage temperature coefficient	$T_k(U_{OC})$	-74 mV/K
Current temperature coefficient	$T_k(I_{SC})$	5.45 mA/K

Further information

Number of cells	36
Max. system voltage	1000 V
Reverse current loading capability	17 A
Front cover	Special hardened low-iron glass
Module connection	Connection box with 2 bypass diodes, 2 m solar cable Ø 4 mm ² , plug connector IP 68 Lumberg LC3, socket at the connection box
Snow load*	frameless: 2400 Pa $\hat{=}$ 245 kg/m ² framed: 5400 Pa $\hat{=}$ 550 kg/m ²

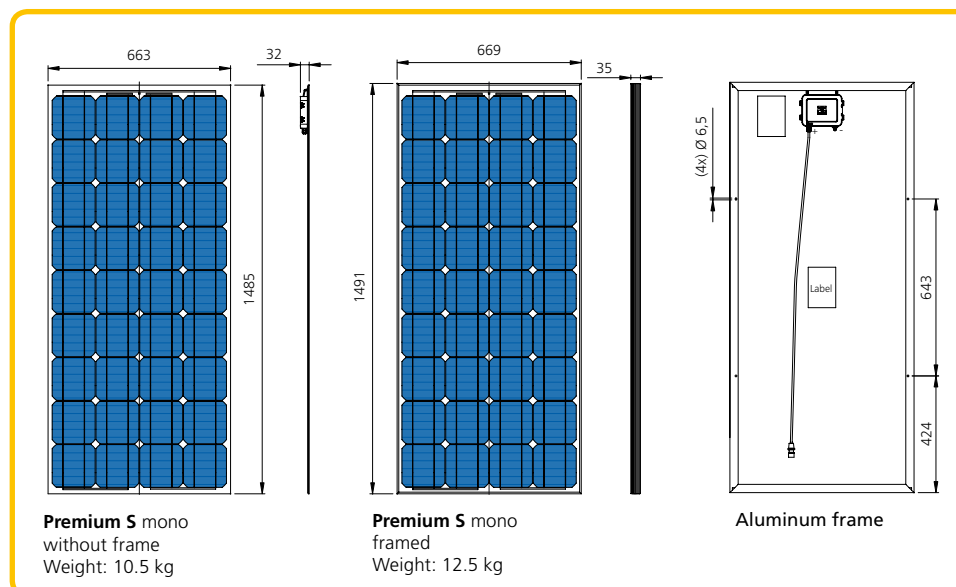
* In combination with our patented Profilink mounting system and in compliance with the installation and operating manual.

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



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