

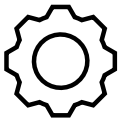
# Meyer Burger Glass

Heterojunction Module – 360/365 Wp



## Maximum performance

Up to 20 percent more energy yield – even in low-light conditions, such as in the morning and evening hours or with cloudy skies



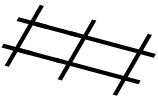
## Maximum quality

Production of solar cells and modules according to the highest standards and exclusively in Germany



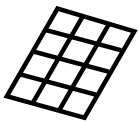
## Maximum durability

Guaranteed yields for decades



## Maximum stability

Patented SmartWire technology makes the modules extremely rugged and efficient



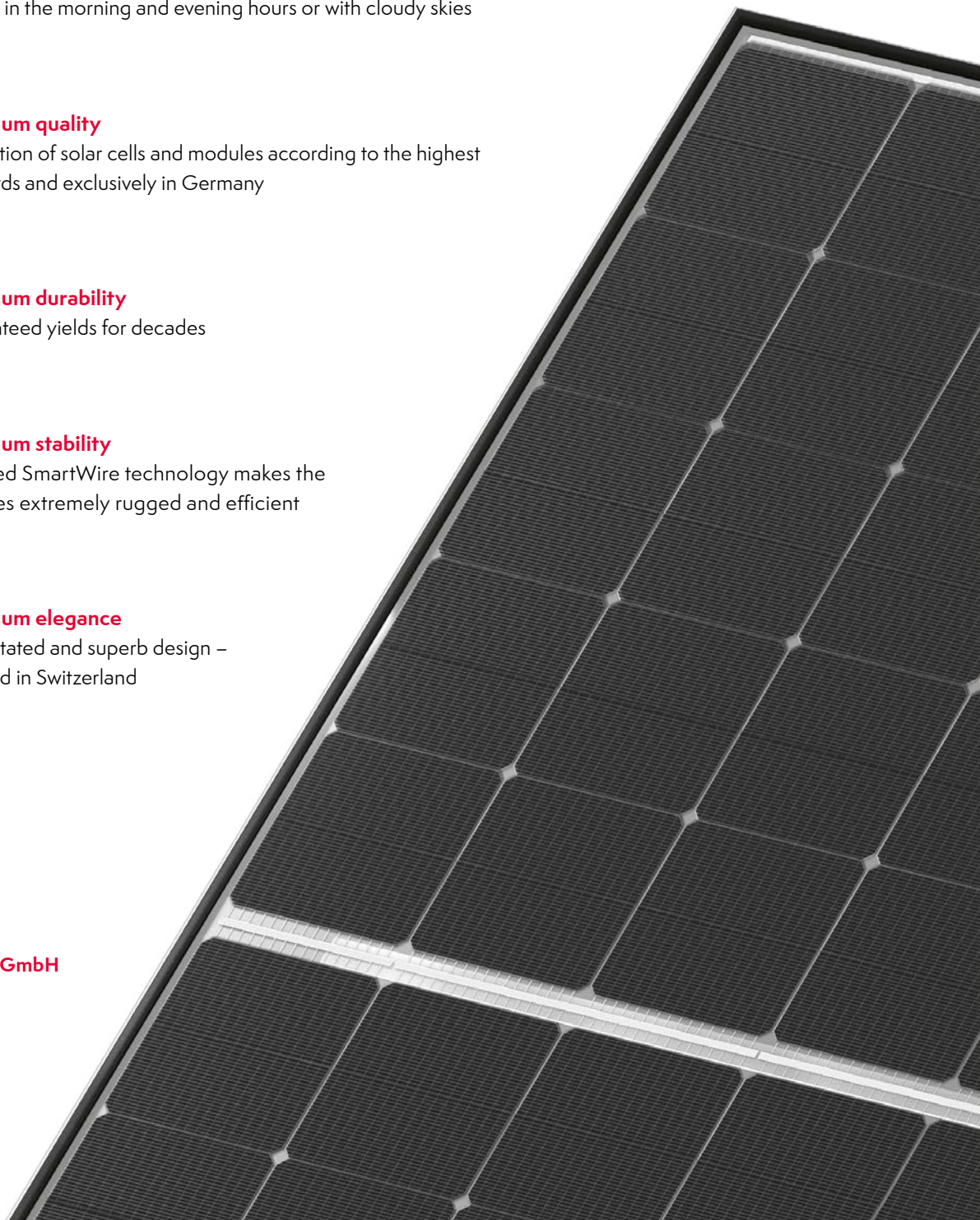
## Maximum elegance

Understated and superb design – invented in Switzerland

## Meyer Burger (Industries) GmbH

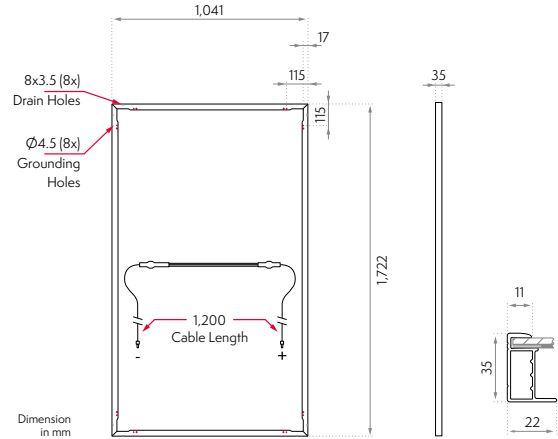
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Germany

[www.meyerburger.com](http://www.meyerburger.com)



## MECHANICAL SPECIFICATION

Dimensions [mm]	1,722 x 1,041 x 35
Weight [kg]	24.4
Front cover	Solar glass, 2.1 mm, with anti-reflective surface
Back cover	Solar glass, 2.1 mm
Frame	Anodized aluminum (black)
Solar cell type	120 half-cut, mono n-Si, HJT
Junction boxes	3 diodes, IP68 rated, in accordance with IEC 62790
Cable	PV cable 4 mm <sup>2</sup> , 1.2 m length, in accordance with EN 50618
Connectors	MC4-Evo2, in accordance with IEC 62852, IP68 rated only when connected



## ELECTRICAL SPECIFICATION<sup>1</sup>

Power class in STC <sup>2</sup> [W <sub>p</sub> ]		360	365			
Minimum Performance (Power Tolerance -0 W/+5 W) [W <sub>p</sub> ]	Power at MPP	P <sub>mpp</sub> [W]	360	272	365	276
	Short Circuit Current	I <sub>sc</sub> [A]	10,2	8,3	10,3	8,3
	Open Circuit Voltage	V <sub>oc</sub> [V]	44,4	42,1	44,5	42,2
	Current at MPP	I <sub>mp</sub> [A]	9,7	7,7	9,8	7,8
	Voltage at MPP	V <sub>mp</sub> [V]	37,1	35,2	37,5	35,5
	Efficiency	η [%]	20,1		20,4	
				STC	NMOT <sup>3</sup>	STC

### Bifacial Specifications

Bifaciality Factor	[%]	90±2
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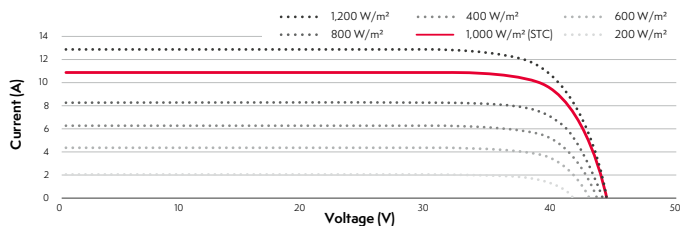
Power with rear irradiation [W/m <sup>2</sup> ] <sup>4,5</sup>	P <sub>max</sub> [W]	I <sub>sc</sub> [A]	P <sub>max</sub> [W]	I <sub>sc</sub> [A]
Bifi50	376	10,7	381	10,7
Bifi100	393	11,2	398	11,2
BSTC <sup>5</sup>	404	11,5	409	11,5
Bifi200	426	12,1	431	12,1
Bifi250	442	12,5	447	12,6

### Temperature Coefficients

Temperature Coefficient of I <sub>sc</sub>	α	[%/°C]	+0.033
Temperature Coefficient of V <sub>oc</sub>	β	[%/°C]	-0.234
Temperature Coefficient of P <sub>MPP</sub>	γ	[%/°C]	-0.259
Nominal Module Operating Temperature	NMOT <sup>3</sup>	[°C]	43±2

The temperature coefficients stated are linear values

### Performance at different irradiance



## PROPERTIES FOR SYSTEM DESIGN

Maximum System Voltage	[V]	1,500
Maximum Series Fuse Rating	[A]	18
Max. Test Load +/- (incl. Safety Factor of 1.5)	[Pa]	5,400/2,400
Fire class according to EN 13501-1		B2
Operation Temperature	°C	-40 to +85

## MEYER BURGER WARRANTY

Product Warranty [y]	30
Power Warranty [y]	30
Power after 1 year	≥99% of nominal power
Annual Degradation [%/y]	0.20
Power after 30 years	≥93.2% of nominal power

Warranty conditions apply

## CERTIFICATES

### Certifications

IEC 61215:2016, IEC 61730:2016

### Certifications (to come)

UL61730-1, UL 61730-2, PID (IEC 62804), Salt Mist (IEC 61701), Ammonia Resistance (IEC 62716), Dynamical Mechanical Load (IEC, 62782:2016), Dust & Sand (IEC 60068)

Notice: All data and specifications are preliminary and subject to change without notice.

Made in Germany.  
Designed in Switzerland.



WEEE-Reg.-Nr. DE 18170271

<sup>1</sup> Measurement according to IEC 60904-3, measurement tolerance: ±3%, monofacial measurement with rear side covered  
<sup>2</sup> STC: Irradiance 1000 W/m<sup>2</sup>, 25 °C, AM1.5 Spectrum  
<sup>3</sup> NMOT: Nominal Module Operating Temperature, with irradiance 800 W/m<sup>2</sup>, AM1.5 Spectrum, 20 °C, wind speed 1 m/s  
<sup>4</sup> According to IEC TS 60904-1-2, with rear irradiances of 50, 100, 200 and 250 W/m<sup>2</sup>  
<sup>5</sup> According to TÜV 2 PIG 2645/11.17, with a rear irradiance of 135 W/m<sup>2</sup>