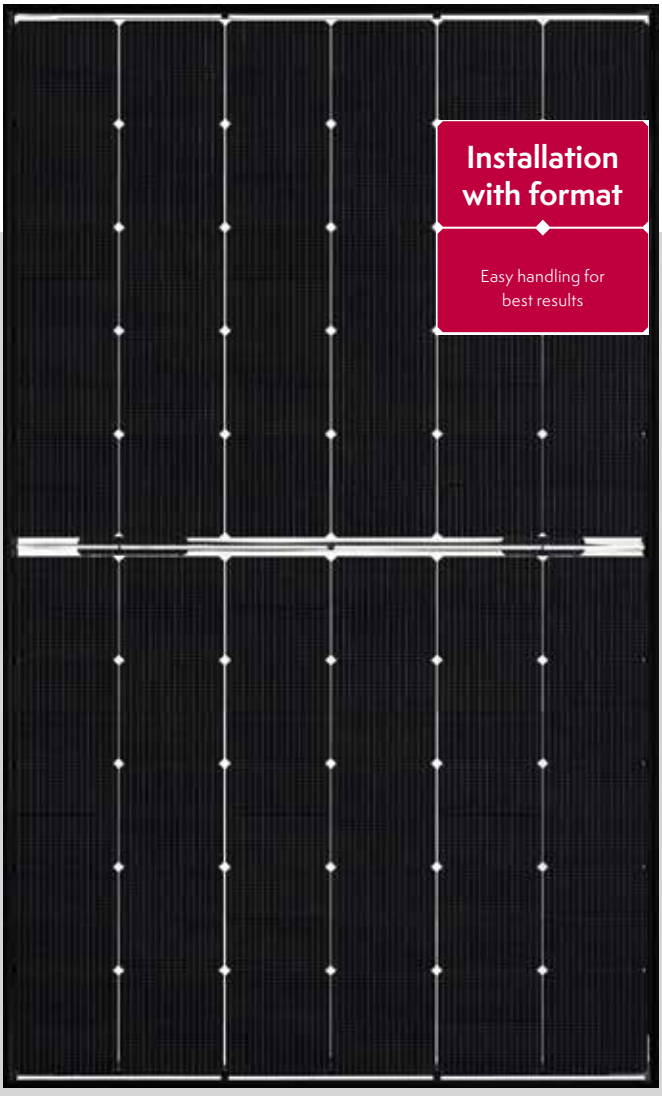
MEYER BURGER

Meyer Burger Glass

370 – 390 Wp

For maximum stability and utilizing the full potential of the sun from all sides: Bifacial heterojunction high-performance solar module with SmartWire Connection Technology (SWCT™).



Made in Germany. Designed in Switzerland.
Production and development according to the highest quality standards.

Highly profitable
More energy yield over the same area even on cloudy or hot days.

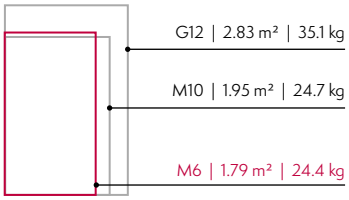
Extremely durable
Outstanding cell stability and high breakage resistance thanks to patented SmartWire Connection Technology.

Consistently sustainable
Regional value creation, made without lead and PFAS, produced using 100 % renewable energy.

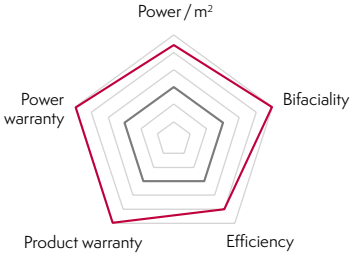
Guaranteed reliability
Industry-leading 30-year product and performance warranty.

Extremely aesthetic
Elegant Swiss design suitable for all roof shapes and sophisticated architecture.

Extremely practical
Convenient handling, maximum layout flexibility and maximum system performance thanks to compact format.



*Size formats compared



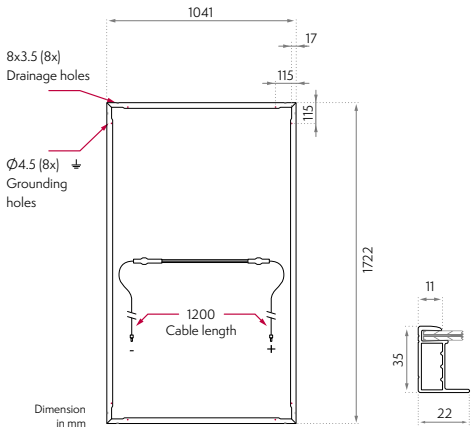
MEYER BURGER

Residential rooftop

Commercial rooftop

Mechanical specification

Dimensions [mm]	1722 x 1041 x 35
Weight [kg]	24.4
Front cover	Tempered solar glass, 2.0 mm, with anti-reflective surface
Back cover	Solar glass, 2.0 mm
Frame	Black anodized aluminum
Solar cell type	120 half-cells, mono n-Si, HJT with SWCT™ bifacial cell technology
Junction boxes	3 diodes, IP68 rated in accordance with IEC 62790
Cable	PV cable 4 mm², 1.2 m length in accordance with EN 50618
Connectors	1: n.a. ; 2: MC4-Evo2; 3: UKT Energy PV-CO02; 4: TE Connectivity PV4-S1 in accordance with IEC 62852, IP68 rated only when connected



Packages

1735 mm	1050 mm	1300 mm	761 kg	30 modules	max. 2 pallets	28 pallets	26 pallets
							40'HC

Delivery by container or truck. For truck freight, 0.76 loading meters per pallet and stacking factor 2 apply.

Electrical specification[1]

Power class	Efficiency η		Power* P_{max}			Short circuit current I_{sc}				Open circuit voltage V_{oc}				Current at MPP I_{mpp}		Voltage at MPP V_{mpp}	
	[%]		[W]			[A]				[V]				[A]		[V]	
	STC[2]	NMOT[3]	**STC**	BiFi135 (BNPI)[4]	BiFi300 (BSI)[5]	NMOT	**STC**	BiFi135 (BNPI)	BiFi300 (BSI)	NMOT	**STC**	BiFi135 (BNPI)	BiFi300 (BSI)	NMOT	**STC**	NMOT	**STC**
370	**20.6**	280	**370**	414	461	8.3	**10.3**	11.5	12.8	42.2	**44.5**	44.6	44.7	7.8	**9.8**	35.8	**37.7**
375	**20.9**	283	**375**	419	466	8.4	**10.3**	11.6	12.9	42.3	**44.6**	44.6	44.7	7.8	**9.9**	36.2	**38.0**
380	**21.2**	287	**380**	424	471	8.4	**10.4**	11.6	12.9	42.3	**44.6**	44.7	44.8	7.9	**9.9**	36.5	**38.4**
385	**21.5**	292	**385**	429	476	8.4	**10.4**	11.6	12.9	42.4	**44.7**	44.7	44.8	7.9	**10.0**	36.9	**38.7**
390	**21.8**	295	**390**	434	481	8.4	**10.4**	11.6	12.9	42.5	**44.8**	44.8	44.8	7.9	**10.0**	37.1	**39.1**
Bifaciality factor [%]			φP_{max} 90 ± 5				φI_{sc} 90.7 ± 5				φV_{oc} 99.7 ± 5						

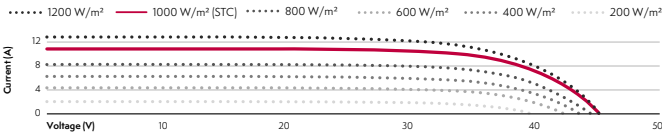
* (Power tolerance -0 W / +5 W for STC)

Temperature coefficients

Temperature coefficient of I_{SC}	α	[%/K]	+0.033
Temperature coefficient of V_{OC}	β	[%/K]	-0.234
Temperature coefficient of P_{MPP}	γ	[%/K]	-0.259
Nominal Module Operating Temperature	NMOT[3]	[°C]	43±2

The temperature coefficients stated are linear values.

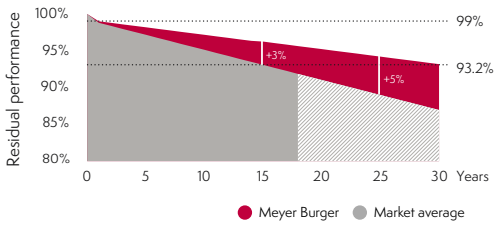
I-V curves at different irradiations



Properties for system design

Max. system voltage	[V]	1500
Overcurrent protection rating	[A]	25
Max. test load +/- (safety factor for test load = 1.5)	[Pa]	6000/4000
Max. design load +/-	[Pa]	4000/2666
Safety class		II
Fire class (EN 13501-1 / EN 13501-5)		$B/B_{ROOF}(t1)$
Operation temperature	[°C]	-40 to +85

Meyer Burger warranty



1.0%
Degradation in 1st year

0.2%
Annual degradation

30 years
Product & power warranty

Certificates

IEC 61215:2016, IEC 61730:2016, PID (IEC 62804), Salt Mist (IEC 61701),
MCS 010 & MCS 005
Certification pending: Ammonia Resistance (IEC 62716), Dust & Sand (IEC 60068)

Test procedure according to IEC standard

Market standard **1× IEC**

Meyer Burger materials testing **3× IEC**

[1] Measurement according to IEC 60904-3, measurement tolerance: ±3%, monofacial measurement with rear side covered
[2] STC: Irradiance 1000 W/m², module temperature 25°C, AM1.5G spectrum
[3] NMOT: Nominal Module Operating Temperature, with irradiance 800 W/m², AM1.5G spectrum, ambient temperature 20°C
[4] According to TÜV 2 PfG 2645/11.17, with a rear irradiance of 135 W/m²
[5] Calculated according to IEC 61215:2021

Made in Germany.
Designed in Switzerland.

Lead-free PFAS-free

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

Visit us at meyerburger.com

WEEE Reg. No. DE 18170271

As of: Version Q2_2023_V5_en