

# Meyer Burger White

380 – 400 Wp

For higher energy yield over the same area:  
Heterojunction high-performance solar module  
with SmartWire Connection Technology (SWCT™).



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

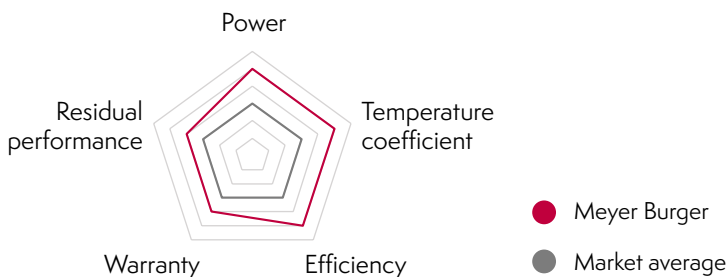
**Highly profitable**  
More energy yield over the same area even on cloudy or hot days.
- 

**Extremely durable**  
Outstanding cell stability and high breakage resistance thanks to patented SmartWire Connection Technology.
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**Consistently sustainable**  
Regional value creation, made without lead and produced using 100% renewable energy.
- 

**Guaranteed reliability**  
Industry-leading 25-year product and performance warranty.
- 

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



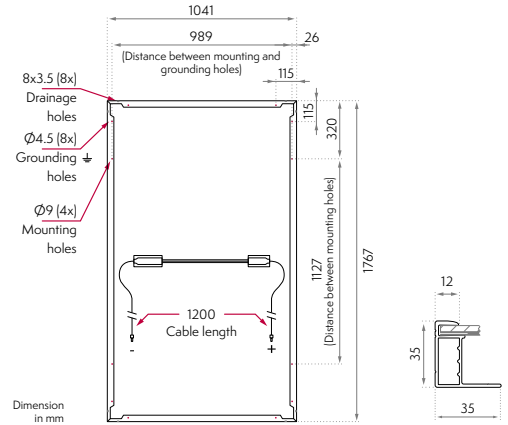
Residential rooftop



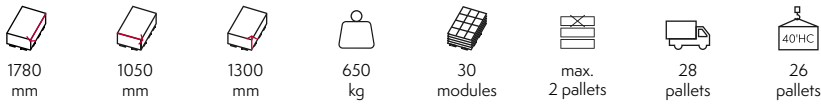
Commercial rooftop

### Mechanical specification

Dimensions [mm]	1767 x 1041 x 35
Weight [kg]	19.7
Front cover	Tempered solar glass, 3.2 mm, with anti-reflective surface
Back cover	White water-barrier backsheet
Frame	Black anodized aluminum
Solar cell type	120 half-cells, mono n-Si, HJT with SWCT™
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	1: MC4; 2: MC4-Evo2; 3: UKT Energy PV-CO02; 4: TE Connectivity PV4-S1 in accordance with IEC 62852, IP68 rated only when connected



### Packages



Delivery by container or truck. For truck freight, 0.78 loading meters per pallet and stacking factor 2 apply.

### Electrical specification<sup>1</sup>

Power class	Efficiency	Power <sup>*</sup>		Short circuit current		Open circuit voltage		Current at MPP		Voltage at MPP	
	$\eta$ [%]	$P_{max}$ [W]	STC	NMOT	STC	NMOT	STC	NMOT	STC	NMOT	STC
<b>380</b>	<b>20.7</b>	287	<b>380</b>	8.7	<b>10.8</b>	42.1	<b>44.4</b>	8.1	<b>10.2</b>	35.2	<b>37.3</b>
<b>385</b>	<b>20.9</b>	290	<b>385</b>	8.7	<b>10.8</b>	42.1	<b>44.4</b>	8.2	<b>10.2</b>	35.5	<b>37.6</b>
<b>390</b>	<b>21.2</b>	294	<b>390</b>	8.7	<b>10.8</b>	42.2	<b>44.5</b>	8.2	<b>10.3</b>	35.9	<b>37.9</b>
<b>395</b>	<b>21.5</b>	298	<b>395</b>	8.7	<b>10.9</b>	42.3	<b>44.5</b>	8.2	<b>10.3</b>	36.2	<b>38.3</b>
<b>400</b>	<b>21.7</b>	302	<b>400</b>	8.7	<b>10.9</b>	42.3	<b>44.6</b>	8.3	<b>10.4</b>	36.5	<b>38.6</b>

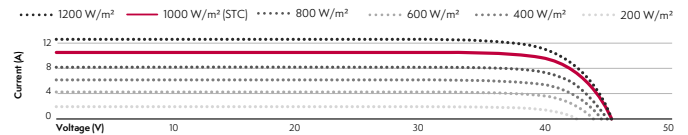
\* (Power tolerance -0 W / +5 W for STC)

### Temperature coefficients

Temperature coefficient of $I_{sc}$	$\alpha$	[%/K]	+0.033
Temperature coefficient of $V_{oc}$	$\beta$	[%/K]	-0.234
Temperature coefficient of $P_{MPP}$	$\gamma$	[%/K]	<b>-0.259</b>
Nominal Module Operating Temperature	NMOT <sup>3</sup>	[°C]	44±2

The temperature coefficients stated are linear values.

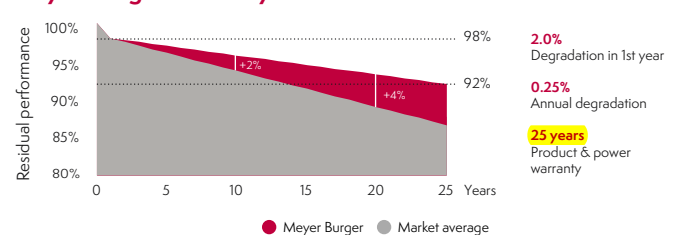
### I-V curves at different irradiances



### Properties for system design

Max. system voltage	[V]	1000
Overcurrent protection rating	[A]	20
Max. test load +/- (safety factor for test load = 1.5)	[Pa]	<b>6000/4000</b>
Max. design load +/-	[Pa]	4000/2666
Safety class		II
Fire type (UL 61730)		4
Fire class (EN 13501-1 / DIN 4102-1)		E/B2/B <sub>RODEL</sub> (H1)
Operation temperature	[°C]	-40 to +85

### Meyer Burger warranty



### Certificates

#### Certification

IEC 61215:2016, IEC 61730:2016, UL 61730-1, UL 61730-2, PID (IEC 62804)

#### Certification (pending)

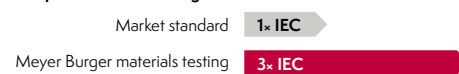
Salt Mist (IEC 61701), Ammonia Resistance (IEC 62716),

Dust & Sand (IEC 60068)

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

Visit us at [meyerburger.com](http://meyerburger.com)

### Test procedure according to IEC standard



<sup>1</sup>Measurement according to IEC 60904-3, measurement tolerance: ±3%

<sup>2</sup>STC: Irradiance 1000 W/m<sup>2</sup>, module temperature 25°C, AM1.5G Spectrum

<sup>3</sup>NMOT: Nominal Module Operating Temperature, with irradiance 800 W/m<sup>2</sup>, AM1.5G spectrum, ambient temperature 20°C

## **Warranty Conditions of Meyer Burger (Industries) GmbH For all glass/glass and glass/backsheet modules**

By purchasing Solar modules of Meyer Burger (Industries) GmbH (hereinafter: modules) you have chosen a level of quality which meets the highest standards. Meyer Burger (Industries) GmbH, Carl-Schiffner-Straße 17, 09599 Freiberg (hereinafter: "MBI") warrants its modules (glass/glass and glass/backsheet modules) to be free from defects in materials and workmanship under normal and proper conditions of use, installation, assembly, commissioning, operation and maintenance, and to maintain the performance of the modules in a reliable manner. As a sign of confidence in this quality, MBI is pleased to grant you, as the end customer of the modules (i.e. the person who puts the modules into operation correctly for the first time), the additional and voluntary rights set forth below:

### **A Limited Product Warranty:**

1. MBI guarantees you with respect to the quality of the modules beyond the statutory warranty period for a total period of
  - 25 years for glass/backsheet modules
  - 30 years for glass/glass modules

from the date of purchase or 6 months after shipment of the relevant module from MBI's warehouse, whichever is earlier, that there will be (including connectors and cables):

- (i) no mechanical impairments that limit the stability of the module; and
- (ii) have no defects in materials or workmanship.

The proper installation by a specialist company and the intended use of the products as described in the installation instructions enclosed with the module is the prerequisite for this Warranty. A claim in case of glass breakage arises only to the extent that there was no external influence. The appearance of the modules (e.g. scratches, discoloration, stains or similar) does not constitute a defect, insofar as the change in appearance does not lead to a deterioration in the functional capability of the modules.

2. If the modules show any of the above-mentioned defects during the mentioned period and this having an effect on the functional capability of the module for energy generation, MBI will, at its own discretion, repair the defective module(s), supply replacement products or reimburse the customer with the then valid replacement price of the corresponding module as compensation, provided that this is not higher than the original sales price.

## **B Limited Performance Warranty:**

1. The modules which you have purchased have a performance specification within a certain tolerance range of +/- 3%, measured according to IEC 60904<sup>1</sup>, in terms of the power output (the so-called effective output). The relevant effective output can be found on the nameplate on the reverse of the product (according to EN 50380<sup>2</sup>). MBI assures that the actual output of the modules, over a total period of also

- 25 years for glass/backsheet modules
- 30 years for glass/glass module

from the date of purchase or 6 months after shipment of the relevant module from MBI's warehouse, whichever is earlier, will decline only slightly.

2. For glass/foil modules, MBI guarantees that the effective output in the first year of operation will be at least 98% of the actual output and will not decrease by more than 0.25% per year for a period of 24 years from the second year of operation, so that at the end of the 25th year of operation the module will have an effective output of at least 92% of the actual output. For glass/glass modules, MBI guarantees that the effective output in the first year of operation will be at least 99% of the actual output and will not decrease by more than 0.20% per year for a period of 29 years from the second year of operation, so that at the end of the 30th year of operation the module will have an effective output of at least 93.2% of the actual output. In the event of a negative deviation from these threshold values due to material or process defects, MBI will, at its own discretion, offer you either a repair or a replacement of the affected modules. Further claims do not exist in this case.

## **C Further conditions of entitlement**

1. The period of product warranty under A and performance assurance under B is restricted to a period of 25 years for a glass/backsheet module and to a period of 30 years for a glass/glass module and will not be extended, not even in the event of repair or replacement of a module.
2. The effective output and actual output of the modules are to be determined under standard test conditions as described under IEC 61215<sup>3</sup> for verification of any warranty claim. The decisive measurement of performance is carried out by a recognized measuring institute or by MBI's own measurement (the assessments of measurement tolerances is undertaken in accordance with IEC 60904<sup>4</sup> and EN 50380<sup>5</sup>). If the measurement confirms that a warranty case exists, MBI shall also bear the costs of the measurement. If the measurement shows that there is no warranty case, MBI reserves the right to return the modules at the expense of the customer and to claim the measurement costs.

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<sup>1</sup> IEC 60904:2020 Series Photovoltaic devices

<sup>2</sup> DIN EN 50380:2018-07; VDE 0126-380:2018-07, Data sheet and nameplate information of photovoltaic modules; German Version EN 50380:2017

<sup>3</sup> IEC 61215:2016-1, -1-1, -2: Terrestrial crystalline silicon photovoltaic (PV) modules - Design qualification and type approval

<sup>4</sup> IEC 60904:2020 Series Photovoltaic devices

<sup>5</sup> DIN EN 50380:2018-07; VDE 0126-380:2018-07, Datenblatt- und Typenschildangaben von Photovoltaik-Modulen; Deutsche Fassung EN 50380:2017

3. Only with the prior consent of MBI, MBI will pay the reasonable, customary, and documented shipping costs (including return shipping costs and redelivery costs of repaired and replaced modules) of modules relating to the Limited Product Warranty and the Limited Performance Warranty. For the removal of the original module and the installation of the replacement module, MBI will reimburse a fixed amount of 150.00 EURO per system (photovoltaic system with one grid connection point) and warranty case, plus 25.00 EURO for each affected module. Any additional costs for the removal and reinstallation of the modules covered by the warranty shall be borne by the end customer. MBI is entitled to determine the company carrying out the removal or replacement.
4. All products which have been replaced pass to the ownership of MBI.

In the event the same model as the defective module for which the claim is made is no longer manufactured, MBI reserves the right to supply modules of other models (different sizes, colours, shapes or performance).

5. The services described under A and B can only be ensured if the module has been properly used and/or operated and has not been dismantled and reassembled in the meantime. Services provided by MBI must therefore be withdrawn if the defects to the module are not exclusively based on the module itself. This is e.g. the case if:
  - a) deviations from the assembly, operation and maintenance instructions or instructions during installation and/or operation of the modules.
  - b) Replacement, repair or modification of the modules by persons not authorized by MBI.
  - c) Improper use of the modules including (but not limited to) use to meet design requirements and functions such as protection from water and wind.
  - d) Vandalism, destruction by external influences and/or persons/animals.
  - e) Incorrect storage or inappropriate transport prior to installation.
  - f) Damage to the on-site system or incompatibility of the on-site system equipment with the modules.
  - g) Influences such as dirt or contamination on the face-plate; contamination or damage by e.g. smoke, extraordinary salt contamination, or other chemicals.
  - h) Force majeure such as power failure, power surge, flood, fire, explosion, rock fall, direct or indirect lightning strike, or other extreme weather situations such as hail, hurricanes, cyclones, sandstorms, earthquakes or other circumstances beyond the control of MBI.
6. Furthermore, the services described under A and B do apply to products sold and/or installed within the European Economic Area (EEA), including the United Kingdom and Switzerland, but excluding overseas territories of the aforementioned countries and Iceland.

#### **D Disclaimer**

The services described in this document are exclusively a voluntary special service of MBI. Against this background and the gratuitousness of the granting of the certificate, MBI is only obligated to provide the services specified under A and B in the event of a restriction of the functional capability or if the actual performance falls short of the effective output. Any further liability, in particular

a claim for compensation for damages - for whatever legal reason - which have not occurred to the modules themselves, is excluded. This shall not apply in case of personal injury or in cases of intent, gross negligence and culpable breach of material contractual obligations (cardinal obligations) or under the German Product Liability Act or otherwise where liability is mandatory by law.

## **E Assertion of claims**

The assertion of the services specified under A and B requires that you (i) inform the authorized seller/dealer of the product of the alleged defect in writing, or (ii) send this written notification directly to the address mentioned in F if the seller/dealer who should be informed no longer exists (e.g. due to business closure or insolvency). Any notification of defects is to be added to the original sales receipt as evidence of the purchase and the time of purchase of the modules. The assertion must be made within thirty (30) days of the occurrence of the defect. The return of products is only permitted after MBI has given its written consent. The following evidence and information must be enclosed:

- The corresponding serial number of the module
- Description of the defect
- Photos of the defect
- Copy of the invoice with clear date of purchase, price, module model.

Assertions will be rejected if the module model and serial number have been falsified, removed or made illegible.

## **F Your contacts**

All correspondence with MBI should be sent to the following address:

**Meyer Burger (Industries) GmbH**  
**Customer Services**  
**Carl-Schiffner-Straße 17**  
**09599 Freiberg**

Email: [support@meyerburger.com](mailto:support@meyerburger.com)

Or conveniently via the **Meyer Burger app**.

## **G Jurisdiction / Choice of Law**

1. All legal disputes arising out of or in connection with these warranty conditions shall be subject to the exclusive jurisdiction of the ordinary courts in Dresden.
2. The rights and responsibilities granted under this certificate shall be governed and construed exclusively in accordance with the laws of Germany and to the exclusion of the UN Convention on Contracts for the International Sale of Goods.

**H General validity of the certificate:**

These warranty conditions apply exclusively to the modules Meyer Burger Black, Meyer Burger White, Meyer Burger Glass.

Status 06/07/2022

Gunter Erfurt  
Chief Executive Officer  
Meyer Burger Technology AG

Moritz Borgmann  
Managing Director  
Meyer Burger (Industries) GmbH

# EC DECLARATION OF CONFORMITY

EG-Konformitätserklärung

## in accordance with the EC Low-Voltage Directive 2014/35/EU

gemäß der EG-Niederspannungsrichtlinie 2014/35/EU

We hereby declare that, to our best knowledge, the following described solar module types are in its design and construction as well as in the version placed on the market, in accordance with all the relevant requirements of the **EC Low-Voltage Directive 2014/35/EU** as amended and the national laws and regulations adopting this directive.

*Hiermit erklären wir, dass die nachstehend bezeichneten Solarmodultypen in ihrer Konzeption und Bauart sowie in der von uns in Verkehr gebrachten Ausführung den grundlegenden Anforderungen der EG-Niederspannungsrichtlinie 2014/35/EU entsprechen.*

Company Meyer Burger (Industries) GmbH  
 Firma Carl-Schiffner-Straße 17  
 09599 Freiberg  
 GERMANY

Designation of solar modules Meyer Burger White  
 Solarmodulbezeichnung Meyer Burger Black  
 Meyer Burger Glass

The following relevant standards were consulted for evaluation of the conformity:

*Für die Beurteilung der Übereinstimmung wurden folgende einschlägige Normen herangezogen:*

DIN EN 61215-1 (VDE 0126-31-1):2017-05; EN 61215-1:2016  
 DIN EN 61215-1-1 (VDE 0126-31-1-1):2018-06; EN 61215-1-1:2016  
 DIN EN 61215-2 (VDE 0126-31-2):2019-02; EN 61215-2:2017+AC:2017+AC:2018  
 DIN EN IEC 61730-1 (VDE 0126-30-1):2018-10; EN IEC 61730-1:2018+AC:2018  
 DIN EN IEC 61730-2 (VDE 0126-30-2):2018-10; EN IEC 61730-2:2018+AC:2018

IEC 61215-1:2016  
 IEC 61215-1-1:2016  
 IEC 61215-2:2016  
 IEC 61730-1:2016  
 IEC 61730-2:2016

The provisions for protection class II are part of the IEC 61730 standard.

*Die Bestimmungen zur Schutzklasse II sind Bestandteil der Norm IEC 61730.*

Solar modules from Meyer Burger (Industries) GmbH were marked with CE (Conformité Européenne) for the first time in 2021.

*Solarmodule der Meyer Burger (Industries) GmbH wurden 2021 erstmalig mit CE (Conformité Européenne) gekennzeichnet.*

Meyer Burger (Industries) GmbH, Freiberg, 22.09.2021

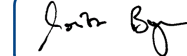
DocuSigned by:



89C2C09DE47043E...

Dr. Gunter Erfurt  
 CEO

DocuSigned by:



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Dr. Moritz Borgmann  
 Managing Director

### Meyer Burger (Industries) GmbH

Carl-Schiffner-Straße 17  
 09599 Freiberg / Germany  
 Phone: +49 3723 671 3522  
 Fax No: +49 3723 671 1000  
 customer-service@meyerburger.com  
 www.meyerburger.com

Geschäftsführer:

Dr. Gunter Erfurt  
 Katja Tavernaro  
 Dr. Moritz Borgmann  
 Daniel Menzel  
 Registergericht Chemnitz: HRB 33380  
 UstID: DE 333526748



## ZEICHENGENEHMIGUNG MARKS APPROVAL

Meyer Burger (Industries) GmbH  
An der Baumschule 6-8  
09337 Hohenstein-Ernstthal  
Germany

ist berechtigt, für ihr Produkt /  
*is authorized to use for their product*

**Terrestrische Photovoltaik-Module mit Silizium-Solarzellen**  
***Crystalline silicon terrestrial photovoltaic modules***

die hier abgebildeten markenrechtlich geschützten Zeichen  
für die ab Blatt 2 aufgeführten Typen zu benutzen /  
*the legally protected Marks as shown below for the types referred to on page 2 ff.*



Geprüft und zertifiziert nach /  
*Tested and certified according to*

DIN EN 61215-1 (VDE 0126-31-1):2017-05; EN 61215-1:2016  
DIN EN 61215-1-1 (VDE 0126-31-1-1):2018-06; EN 61215-1-1:2016  
DIN EN 61215-2 (VDE 0126-31-2):2019-02; EN 61215-2:2017+AC:2017+AC:2018  
DIN EN IEC 61730-1 (VDE 0126-30-1):2018-10; EN IEC 61730-1:2018+AC:2018  
DIN EN IEC 61730-2 (VDE 0126-30-2):2018-10; EN IEC 61730-2:2018+AC:2018

Das Produkt erfüllt auch die Anforderungen nach /  
*The product also fulfills the requirements of*

IEC 61215-1:2016  
IEC 61215-1-1:2016  
IEC 61215-2:2016  
IEC 61730-1:2016  
IEC 61730-2:2016

Aktenzeichen: 5028120-3972-0001 / 285163

*File ref.:*

Ausweis-Nr. 40053759

Blatt 1

*Certificate No.*

Page

Weitere Bedingungen siehe Rückseite und Folgeblätter /  
*further conditions see overleaf and following pages*

Offenbach, 2021-07-15

VDE Prüf- und Zertifizierungsinstitut GmbH  
*VDE Testing and Certification Institute*  
Zertifizierungsstelle / *Certification*

J. Richter

VDE Zertifikate sind nur gültig bei Veröffentlichung unter:  
*VDE certificates are valid only when published on:*

<http://www.vde.com/zertifikat>  
<http://www.vde.com/certificate>

Name und Sitz des Genehmigungs-Inhabers / *Name and registered seat of the Certificate holder*  
Meyer Burger (Industries) GmbH, An der Baumschule 6-8, 09337 Hohenstein-Ernstthal

Aktenzeichen / *File ref.*  
5028120-3972-0001 / 285163 / CB1 / FB

Datum / *Date*  
2021-07-15

Dieses Blatt gilt nur in Verbindung mit Blatt 1 des Zeichengenehmigungsausweises Nr. 40053759.  
*This supplement is only valid in conjunction with page 1 of the Certificate No. 40053759.*

## Terrestrische Photovoltaik-Module mit Silizium-Solarzellen *Crystalline silicon terrestrial photovoltaic modules*

Typ(en) / *Type(s)*

- A) Meyer Burger Black
- B) Meyer Burger White
- C) Meyer Burger Glass

Weitere Angaben

siehe Anlage 100 vom 12.07.2021  
siehe Anlage 600 vom 12.07.2021

*Further information*

*see annex 100 dated 2021-07-12*  
*see annex 600 dated 2021-07-12*

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Dieser Zeichengenehmigungs-Ausweis bildet eine Grundlage für die EG-Konformitätserklärung und CE-Kennzeichnung durch den Hersteller oder dessen Bevollmächtigten und bescheinigt die Konformität mit den grundlegenden Schutzanforderungen der **EG-Niederspannungsrichtlinie 2014/35/EU**.

*This Marks Approval is a basis for the EC Declaration of Conformity and the CE Marking by the manufacturer or his agent and proves the conformity with the essential safety requirements of the **EC Low-Voltage Directive 2014/35/EU**.*

VDE Prüf- und Zertifizierungsinstitut GmbH  
*VDE Testing and Certification Institute*  
Zertifizierungsstelle  
*Certification*

gez. Dr.-Ing. Klaus Kreß

# VDE Prüf- und Zertifizierungsinstitut Zeichengenehmigung

Ausweis-Nr. / Beiblatt /  
Certificate No. Supplement  
40053759

Name und Sitz des Genehmigungs-Inhabers / *Name and registered seat of the Certificate holder*  
Meyer Burger (Industries) GmbH, An der Baumschule 6-8, 09337 Hohenstein-Ernstthal

Aktenzeichen / *File ref.*  
5028120-3972-0001 / 285163 / CB1 / FB

Datum / *Date*  
2021-07-15

Dieses Beiblatt ist Bestandteil des Zeichengenehmigungsausweises Nr. 40053759.  
*This supplement is part of the Certificate No. 40053759.*

## Terrestrische Photovoltaik-Module mit Silizium-Solarzellen *Crystalline silicon terrestrial photovoltaic modules*

Fertigungsstätte(n)  
*Place(s) of manufacture*

Referenz/ <i>Reference</i> <b>30026604</b>	Meyer Burger (Industries) GmbH Carl-Schiffner-Str. 17 09599 Freiberg
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Name und Sitz des Genehmigungs-Inhabers / *Name and registered seat of the Certificate holder*  
Meyer Burger (Industries) GmbH, An der Baumschule 6-8, 09337 Hohenstein-Ernstthal

Aktenzeichen / *File ref.*  
5028120-3972-0001 / 285163 / CB1 / FB

Datum / *Date*  
2021-07-15

Dieses Blatt gilt nur in Verbindung mit Blatt 1 des Zeichengenehmigungsausweises Nr. 40053759.  
*This supplement is only valid in conjunction with page 1 of the Certificate No. 40053759.*

## **Genehmigung zum Benutzen des auf Seite 1 abgebildeten markenrechtlich geschützten Zeichens des VDE:**

Grundlage für die Benutzung sind die Allgemeinen Geschäftsbedingungen (AGB) der VDE Prüf- und Zertifizierungsinstitut GmbH ([www.vde.com\AGB-Institut](http://www.vde.com\AGB-Institut)). Das Recht zur Benutzung erstreckt sich nur auf die bezeichnete Firma mit den genannten Fertigungsstätten und die oben aufgeführten Produkte mit den zugeordneten Bezeichnungen. Die Fertigungsstätte muss so eingerichtet sein, dass eine gleichmäßige Herstellung der geprüften und zertifizierten Ausführung gewährleistet ist.

Die Genehmigung ist so lange gültig wie die VDE-Bestimmungen gelten, die der Zertifizierung zugrunde gelegen haben, sofern sie nicht auf Grund anderer Bedingungen aus der VDE Prüf- und Zertifizierungsordnung (PM102) zurückgezogen werden muss.

Der Gültigkeitszeitraum einer VDE-GS-Zeichengenehmigung kann auf Antrag verlängert werden. Bei gesetzlichen und / oder normativen Änderungen kann die VDE-GS-Zeichengenehmigung ihre Gültigkeit zu einem früheren als dem angegebenen Datum verlieren.

Produkte, die das Biozid Dimethylfumarat (DMF) enthalten, dürfen gemäß der Kommissionsentscheidung 2009/251/EG nicht mehr in den Verkehr gebracht oder auf dem Markt bereitgestellt werden.

Der VDE-Zeichengenehmigungsausweis wird ausschließlich auf der ersten Seite unterzeichnet.

### **Approval to use the legally protected Mark of the VDE as shown on the first page:**

*Basis for the use are the general terms and conditions of the VDE Testing and Certification Institute ([www.vde.com\terms-institute](http://www.vde.com\terms-institute)). The right to use the mark is granted only to the mentioned company with the named places of manufacture and the listed products with the related type references. The place of manufacture shall be equipped in a way that a constant manufacturing of the certified construction is assured.*

*The approval is valid as long as the VDE specifications are in force, on which the certification is based on, unless it is withdrawn according to the VDE Testing and Certification Procedure (PM102E).*

*The validity period of a VDE-GS-Mark Approval may be prolonged on request. In case of changes in legal and / or normative requirements, the validity period of a VDE-GS-Mark Approval may be shortened.*

*Products containing the biocide dimethylfumarate (DMF) may not be marketed or made available on the EC market according to the Commission Decision 2009/251/EC.*

*The approval is solely signed on the first page.*