

# Zertifikat

# Certificate



**Zertifikat Nr. Certificate No.**  
PV 50599295

**Blatt Sheet**  
0006

**Ihr Zeichen Client Reference**  
H.R

**Unser Zeichen Our Reference**  
01-AZ-CN23GYU7 028

**Ausstellungsdatum Date of Issue**  
07.04.2024 (day/mo/yr)

**Genehmigungsinhaber License Holder**  
DualSun SAS  
2 rue Marc Donadille  
13013 Marseille  
France

**Fertigungsstätte Manufacturing Plant**  
Refer to latest revision  
of the annex list of factories

## Prüfzeichen Test Mark



IEC 61215  
IEC 61730  
Regular Production  
Surveillance  
[www.tuv.com](http://www.tuv.com)  
ID 1111273765

## Geprüft nach Tested acc. to

IEC 61215-1:2021  
IEC 61215-1-1:2021  
IEC 61215-2:2021  
IEC 61730-1:2016  
IEC 61730-2:2016  
EN IEC 61215-1:2021  
EN IEC 61215-1-1:2021  
EN IEC 61215-2:2021  
EN IEC 61730-1:2018  
EN IEC 61730-2:2018

**Zertifiziertes Produkt (Geräteidentifikation)**  
**Certified Product (Product Identification)**

**Lizenzentgelte - Einheit**  
**License Fee - Unit**

PV Module

Same as Page 0001-0005

In addition:

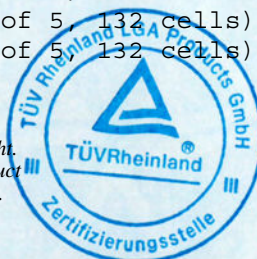
Type Designation:

Max. System Voltage: up to 1500 VDC (Voc at STC):

With 1/2 cut mono bifacial c-Si cells (Under STC):

DSxxx-108M10RTB-01 (xxx=425-450, in steps of 5, 108 cells)  
DSxxx-108M10RTB-02 (xxx=425-450, in steps of 5, 108 cells)  
DSxxx-108M10RTB-03 (xxx=425-450, in steps of 5, 108 cells)  
DSxxx-108M10RTB-04 (xxx=425-450, in steps of 5, 108 cells)  
DSxxx-108M10RTB-05 (xxx=425-450, in steps of 5, 108 cells)  
DSxxx-120M10TB-01 (xxx=485-500, in steps of 5, 120 cells)  
DSxxx-120M10TB-02 (xxx=485-500, in steps of 5, 120 cells)  
DSxxx-120M10TB-03 (xxx=485-500, in steps of 5, 120 cells)  
DSxxx-120M10TB-04 (xxx=485-500, in steps of 5, 120 cells)  
DSxxx-120M10TB-05 (xxx=485-500, in steps of 5, 120 cells)  
DSxxx-132G12RTB-01 (xxx=595-615, in steps of 5, 132 cells)  
DSxxx-132G12RTB-02 (xxx=595-615, in steps of 5, 132 cells)  
DSxxx-132G12RTB-03 (xxx=595-615, in steps of 5, 132 cells)  
Continued on Page 0007

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
This certificate is based on our Testing and Certification Regulation. The product  
fulfills above mentioned requirements, the production is subject to surveillance.



**Zertifizierungsstelle**

Angela Yao

**TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg**

<http://www.tuv.com/safety> E-mail: [markcheck@tuv.com](mailto:markcheck@tuv.com)

Fax: +49 221 806-3935



# Zertifikat

# Certificate



**Zertifikat Nr. Certificate No.**  
PV 50599295

**Blatt Sheet**  
0007

**Ihr Zeichen Client Reference**  
H.R

**Unser Zeichen Our Reference**  
01-AZ-CN23GYU7 028

**Ausstellungsdatum Date of Issue**  
07.04.2024 (day/mo/yr)

**Genehmigungsinhaber License Holder**  
DualSun SAS  
2 rue Marc Donadille  
13013 Marseille  
France

**Fertigungsstätte Manufacturing Plant**  
Refer to latest revision  
of the annex list of factories

## Prüfzeichen Test Mark



IEC 61215  
IEC 61730  
Regular Production  
Surveillance  
[www.tuv.com](http://www.tuv.com)  
ID 1111273765

## Geprüft nach Tested acc. to

IEC 61215-1:2021  
IEC 61215-1-1:2021  
IEC 61215-2:2021  
IEC 61730-1:2016  
IEC 61730-2:2016  
EN IEC 61215-1:2021  
EN IEC 61215-1-1:2021  
EN IEC 61215-2:2021  
EN IEC 61730-1:2018  
EN IEC 61730-2:2018

**Zertifiziertes Produkt (Geräteidentifikation)**  
**Certified Product (Product Identification)**

**Lizenzentgelte - Einheit**  
**License Fee - Unit**

PV Module

Continuation of Page 0006

DSxxx-132G12RTB-04 (xxx=595-615, in steps of 5, 132 cells)  
DSxxx-132G12RTB-05 (xxx=595-615, in steps of 5, 132 cells)  
With 1/2 cut mono bifacial c-Si cells (Under BNPI):  
DSxxx-108M10RTB-01 (xxx=468,473,479,484,490,495, 108 cells)  
DSxxx-108M10RTB-02 (xxx=468,473,479,484,490,495, 108 cells)  
DSxxx-108M10RTB-03 (xxx=468,473,479,484,490,495, 108 cells)  
DSxxx-108M10RTB-04 (xxx=468,473,479,484,490,495, 108 cells)  
DSxxx-108M10RTB-05 (xxx=468,473,479,484,490,495, 108 cells)  
DSxxx-120M10TB-01 (xxx=534,539,545,550, 120 cells)  
DSxxx-120M10TB-02 (xxx=534,539,545,550, 120 cells)  
DSxxx-120M10TB-03 (xxx=534,539,545,550, 120 cells)  
DSxxx-120M10TB-04 (xxx=534,539,545,550, 120 cells)  
DSxxx-120M10TB-05 (xxx=534,539,545,550, 120 cells)  
DSxxx-132G12RTB-01 (xxx=655,660,666,671,677, 132 cells)  
DSxxx-132G12RTB-02 (xxx=655,660,666,671,677, 132 cells)  
DSxxx-132G12RTB-03 (xxx=655,660,666,671,677, 132 cells)  
DSxxx-132G12RTB-04 (xxx=655,660,666,671,677, 132 cells)  
DSxxx-132G12RTB-05 (xxx=655,660,666,671,677, 132 cells)

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
This certificate is based on our Testing and Certification Regulation. The product  
fulfills above mentioned requirements, the production is subject to surveillance.



**Zertifizierungsstelle**

*Angela Yao*

**TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg**  
<http://www.tuv.com/safety> E-mail: [markcheck@tuv.com](mailto:markcheck@tuv.com)  
Fax: +49 221 806-3935

**Angela Yao**



# Zertifikat

# Certificate



**Zertifikat Nr. Certificate No.**  
PV 50599295

**Blatt Sheet**  
0010

**Ihr Zeichen Client Reference**  
H.R

**Unser Zeichen Our Reference**  
01-HZ-CN23GYU7 051

**Ausstellungsdatum Date of Issue**  
14.01.2025 (day/mo/yr)

**Genehmigungsinhaber License Holder**  
DualSun SAS  
2 rue Marc Donadille  
13013 Marseille  
France

**Fertigungsstätte Manufacturing Plant**  
Refer to latest revision  
of the annex list of factories

## Prüfzeichen Test Mark



IEC 61215  
IEC 61730  
Regular Production  
Surveillance  
[www.tuv.com](http://www.tuv.com)  
ID 1111273765

## Geprüft nach Tested acc. to

IEC 61215-1:2021  
IEC 61215-1-1:2021  
IEC 61215-2:2021  
IEC 61730-1:2016  
IEC 61730-2:2016  
EN IEC 61215-1:2021  
EN IEC 61215-1-1:2021  
EN IEC 61215-2:2021  
EN IEC 61730-1:2018  
EN IEC 61730-2:2018

**Zertifiziertes Produkt (Geräteidentifikation)**  
**Certified Product (Product Identification)**

**Lizenzentgelte - Einheit**  
**License Fee - Unit**

PV Module

Continuation of Page 0009

DSxxx-132M10TB-03 (xxx=530-550, in steps of 5, 132 cells)  
DSxxx-132M10TB-04 (xxx=530-550, in steps of 5, 132 cells)  
DSxxx-132M10TB-05 (xxx=530-550, in steps of 5, 132 cells)  
DSxxx-108M10TB-01 (xxx=435-450, in steps of 5, 108 cells)  
DSxxx-108M10TB-02 (xxx=435-450, in steps of 5, 108 cells)  
DSxxx-108M10TB-03 (xxx=435-450, in steps of 5, 108 cells)  
DSxxx-108M10TB-04 (xxx=435-450, in steps of 5, 108 cells)  
DSxxx-108M10TB-05 (xxx=435-450, in steps of 5, 108 cells)  
DSxxx-108M10RTB-01 (xxx=455-460, in steps of 5, 108 cells)  
DSxxx-108M10RTB-02 (xxx=455-460, in steps of 5, 108 cells)  
DSxxx-108M10RTB-03 (xxx=455-460, in steps of 5, 108 cells)  
DSxxx-108M10RTB-04 (xxx=455-460, in steps of 5, 108 cells)  
DSxxx-108M10RTB-05 (xxx=455-460, in steps of 5, 108 cells)  
DSxxx-120M10TB-01 (xxx=505-515, in steps of 5, 120 cells)  
DSxxx-120M10TB-02 (xxx=505-515, in steps of 5, 120 cells)  
DSxxx-120M10TB-03 (xxx=505-515, in steps of 5, 120 cells)  
DSxxx-120M10TB-04 (xxx=505-515, in steps of 5, 120 cells)  
DSxxx-120M10TB-05 (xxx=505-515, in steps of 5, 120 cells)

Continuation of Page 0011

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
This certificate is based on our Testing and Certification Regulation. The product  
fulfills above mentioned requirements, the production is subject to surveillance.



**Zertifizierungsstelle**

**TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg**  
<http://www.tuv.com/safety> E-mail: [markcheck@tuv.com](mailto:markcheck@tuv.com)  
Fax: +49 221 806-3935

**Angela Yao**



# Zertifikat

# Certificate



**Zertifikat Nr. Certificate No.**  
PV 50599295

**Blatt Sheet**  
0012

**Ihr Zeichen Client Reference**  
H.R

**Unser Zeichen Our Reference**  
01-HZ-CN23GYU7 051

**Ausstellungsdatum Date of Issue**  
14.01.2025 (day/mo/yr)

**Genehmigungsinhaber License Holder**  
DualSun SAS  
2 rue Marc Donadille  
13013 Marseille  
France

**Fertigungsstätte Manufacturing Plant**  
Refer to latest revision  
of the annex list of factories

## Prüfzeichen Test Mark



IEC 61215  
IEC 61730  
Regular Production  
Surveillance  
[www.tuv.com](http://www.tuv.com)  
ID 1111273765

## Geprüft nach Tested acc. to

IEC 61215-1:2021  
IEC 61215-1-1:2021  
IEC 61215-2:2021  
IEC 61730-1:2016  
IEC 61730-2:2016  
EN IEC 61215-1:2021  
EN IEC 61215-1-1:2021  
EN IEC 61215-2:2021  
EN IEC 61730-1:2018  
EN IEC 61730-2:2018

**Zertifiziertes Produkt (Geräteidentifikation)**  
**Certified Product (Product Identification)**

**Lizenzentgelte - Einheit**  
**License Fee - Unit**

PV Module

Continuation of Page 0011

DSxxx-144M10TB-01 (xxx=641, 647, 652, 658, 663, 144 cells)  
DSxxx-144M10TB-02 (xxx=641, 647, 652, 658, 663, 144 cells)  
DSxxx-144M10TB-03 (xxx=641, 647, 652, 658, 663, 144 cells)  
DSxxx-144M10TB-04 (xxx=641, 647, 652, 658, 663, 144 cells)  
DSxxx-144M10TB-05 (xxx=641, 647, 652, 658, 663, 144 cells)  
DSxxx-132M10TB-01 (xxx=586, 591, 597, 602, 608, 132 cells)  
DSxxx-132M10TB-02 (xxx=586, 591, 597, 602, 608, 132 cells)  
DSxxx-132M10TB-03 (xxx=586, 591, 597, 602, 608, 132 cells)  
DSxxx-132M10TB-04 (xxx=586, 591, 597, 602, 608, 132 cells)  
DSxxx-132M10TB-05 (xxx=586, 591, 597, 602, 608, 132 cells)  
DSxxx-108M10TB-01 (xxx=481, 486, 492, 497, 108 cells)  
DSxxx-108M10TB-02 (xxx=481, 486, 492, 497, 108 cells)  
DSxxx-108M10TB-03 (xxx=481, 486, 492, 497, 108 cells)  
DSxxx-108M10TB-04 (xxx=481, 486, 492, 497, 108 cells)  
DSxxx-108M10TB-05 (xxx=481, 486, 492, 497, 108 cells)  
DSxxx-108M10RTB-01 (xxx=503, 508, 108 cells)  
DSxxx-108M10RTB-02 (xxx=503, 508, 108 cells)  
DSxxx-108M10RTB-03 (xxx=503, 508, 108 cells)

Continuation of Page 0013

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
This certificate is based on our Testing and Certification Regulation. The product  
fulfills above mentioned requirements, the production is subject to surveillance.



**Zertifizierungsstelle**

**Angela Yao**

**TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg**  
<http://www.tuv.com/safety> E-mail: [markcheck@tuv.com](mailto:markcheck@tuv.com)  
Fax: +49 221 806-3935



# Zertifikat

# Certificate



**Zertifikat Nr. Certificate No.**  
PV 50599295

**Blatt Sheet**  
0013

**Ihr Zeichen Client Reference**  
H.R

**Unser Zeichen Our Reference**  
01-HZ-CN23GYU7 051

**Ausstellungsdatum Date of Issue**  
14.01.2025 (day/mo/yr)

**Genehmigungsinhaber License Holder**  
DualSun SAS  
2 rue Marc Donadille  
13013 Marseille  
France

**Fertigungsstätte Manufacturing Plant**  
Refer to latest revision  
of the annex list of factories

## Prüfzeichen Test Mark



IEC 61215  
IEC 61730  
Regular Production  
Surveillance  
[www.tuv.com](http://www.tuv.com)  
ID 1111273765

## Geprüft nach Tested acc. to

IEC 61215-1:2021  
IEC 61215-1-1:2021  
IEC 61215-2:2021  
IEC 61730-1:2016  
IEC 61730-2:2016  
EN IEC 61215-1:2021  
EN IEC 61215-1-1:2021  
EN IEC 61215-2:2021  
EN IEC 61730-1:2018  
EN IEC 61730-2:2018

**Zertifiziertes Produkt (Geräteidentifikation)**  
**Certified Product (Product Identification)**

**Lizenzentgelte - Einheit**  
**License Fee - Unit**

PV Module

Continuation of Page 0012

DSxxx-144M10TB-01 (xxx=641, 647, 652, 658, 663, 144 cells)  
DSxxx-108M10RTB-04 (xxx=503, 508, 108 cells)  
DSxxx-108M10RTB-05 (xxx=503, 508, 108 cells)  
DSxxx-120M10TB-01 (xxx=558, 564, 568, 120 cells)  
DSxxx-120M10TB-02 (xxx=558, 564, 568, 120 cells)  
DSxxx-120M10TB-03 (xxx=558, 564, 568, 120 cells)  
DSxxx-120M10TB-04 (xxx=558, 564, 568, 120 cells)  
DSxxx-120M10TB-05 (xxx=558, 564, 568, 120 cells)  
DSxxx-132G12RTB-01 (xxx=649, 685, 691, 132 cells)  
DSxxx-132G12RTB-02 (xxx=649, 685, 691, 132 cells)  
DSxxx-132G12RTB-03 (xxx=649, 685, 691, 132 cells)  
DSxxx-132G12RTB-04 (xxx=649, 685, 691, 132 cells)  
DSxxx-132G12RTB-05 (xxx=649, 685, 691, 132 cells)  
xxx represents output power in Wp

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
This certificate is based on our Testing and Certification Regulation. The product  
fulfills above mentioned requirements, the production is subject to surveillance.



**Zertifizierungsstelle**

**TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg**  
<http://www.tuv.com/safety> E-mail: [markcheck@tuv.com](mailto:markcheck@tuv.com)  
Fax: +49 221 806-3935

**Angela Yao**