

Zertifikat

Certificate



Zertifikat Nr. *Certificate No.*
PV 50599295

Blatt *Sheet*
0002

Ihr Zeichen *Client Reference*
H.R

Unser Zeichen *Our Reference*
01-JS-CN23GYU7 007

Ausstellungsdatum
28.08.2023

Date of Issue
(day/mo/yr)

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

Fertigungsstätte *Manufacturing Plant*
040-0002509811

Prüfzeichen *Test Mark*



IEC 61215
IEC 61730
Regular Production
Surveillance
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 0001

DSxxx-120M10TB-02 (xxx=450-480, in steps of 5, 120 cells)
DSxxx-120M10TB-03 (xxx=450-480, in steps of 5, 120 cells)
DSxxx-120M10TB-04 (xxx=450-480, in steps of 5, 120 cells)
DSxxx-120M10TB-05 (xxx=450-480, in steps of 5, 120 cells)
DSxxx-108M10TB-01 (xxx=405-430, in steps of 5, 108 cells)
DSxxx-108M10TB-02 (xxx=405-430, in steps of 5, 108 cells)
DSxxx-108M10TB-03 (xxx=405-430, in steps of 5, 108 cells)
DSxxx-108M10TB-04 (xxx=405-430, in steps of 5, 108 cells)
DSxxx-108M10TB-05 (xxx=405-430, in steps of 5, 108 cells)
With 1/2 cut mono bifacial c-Si cells (Under BNPI):
DSxxx-156M10TB-01
(xxx=649, 655, 660, 666, 671, 677, 682, 688, 156 cells)
DSxxx-156M10TB-02
(xxx=649, 655, 660, 666, 671, 677, 682, 688, 156 cells)
DSxxx-156M10TB-03
(xxx=649, 655, 660, 666, 671, 677, 682, 688, 156 cells)
DSxxx-156M10TB-04
(xxx=649, 655, 660, 666, 671, 677, 682, 688, 156 cells)
Continued on Page 0003

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
Fax: +49 221 806-3935

Dipl.-Ing. (FH) F. He

Zertifikat

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Zertifikat Nr. Certificate No.
PV 50599295

Blatt Sheet
0005

Ihr Zeichen Client Reference
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Unser Zeichen Our Reference
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Prüfzeichen Test Mark



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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 0004

Remarks:

Class II acc. to IEC 61140
Fire Rating: Class C (according to UL 790)
Safety Factors: 1.5
Design Load (Refer to test report for details of corresponding material and installation method.):
2400 Pa (downward) / 1600 Pa (upward)
3600 Pa (downward) / 2400 Pa (upward)
Test Load:
3600 Pa (downward) / 2400 Pa (upward)
5400 Pa (downward) / 3600 Pa (upward)

Conditions:


The product test is voluntarily according to technical regulations. Any change of the design, materials, components or processing may require the repetition of some of the qualification tests in order to retain type approval.
The certificate is valid until 18 April 2028.

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