

# Zertifikat *Certificate*

**Zertifikatsnummer Certificate No.:**

PV 50605512 0002

**Berichtsnummer Report No.:**

CN23QCVC 013

**Genehmigungsinhaber License Holder:**

DualSun SAS  
2 rue Marc Donadille  
13013 Marseille  
France

**Fertigungsstätte Manufacturing Site:**

3 Fertigungsstätten auf Folgeseiten  
*Listing of 3 factories on following pages*

**Prüfzeichen Test Mark:**


IEC 62716  
Ammonia  
Resistance  
Regular Production  
Surveillance

www.tuv.com  
ID 1111276246

**Geprüft nach Tested according to:**

IEC 62716:2013  
EN 62716:2013

**Geräteidentifikation**
**Product Identification**
**Produkt:** PV Module

*Product:*
**Modell:** Modelle sind auf nächste(r) Seite(n) gelistet

*Type:* *Type designation(s) are listed on the next page(s)*
**Technische Daten:** Class II acc. to IEC 61140

*Technical Data:* For other ratings, refer to the test report.

**Gültig bis:** 2028-04-18

*Date of expiry:*
**Gültig ab:** 2025-01-22

*Valid from:*
**Zertifizierungsstelle:**
*Certification body:*
**Ausstellungsdatum:** 2025-01-22

*Date of issue:*

Angela Yao



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.*

**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

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**Produkt** *Product:* PV Module

**Modell** *Type:* **Bezeichnung** *Designation:*

Same as Page 0001

In addition:

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=425-460, in steps of 5, 108 cells)

DSxxx-108M10RTB-02 (xxx=425-460, in steps of 5, 108 cells)

DSxxx-108M10RTB-03 (xxx=425-460, in steps of 5, 108 cells)

DSxxx-108M10RTB-04 (xxx=425-460, in steps of 5, 108 cells)

DSxxx-108M10RTB-05 (xxx=425-460, in steps of 5, 108 cells)

DSxxx-120M10TB-01 (xxx=485-515, in steps of 5, 120 cells)

DSxxx-120M10TB-02 (xxx=485-515, in steps of 5, 120 cells)

DSxxx-120M10TB-03 (xxx=485-515, in steps of 5, 120 cells)

DSxxx-120M10TB-04 (xxx=485-515, in steps of 5, 120 cells)

DSxxx-120M10TB-05 (xxx=485-515, in steps of 5, 120 cells)

DSxxx-132G12RTB-01 (xxx=590-625, in steps of 5, 132 cells)

DSxxx-132G12RTB-02 (xxx=590-625, in steps of 5, 132 cells)

DSxxx-132G12RTB-03 (xxx=590-625, in steps of 5, 132 cells)

DSxxx-132G12RTB-04 (xxx=590-625, in steps of 5, 132 cells)

DSxxx-132G12RTB-05 (xxx=590-625, in steps of 5, 132 cells)

DSxxx-120M10TB-06 (xxx=450-500, in steps of 5, 120 cells)

DSxxx-120M10TB-07 (xxx=450-500, in steps of 5, 120 cells)

DSxxx-120M10TB-08 (xxx=450-500, in steps of 5, 120 cells)

DSxxx-120M10TB-09 (xxx=450-500, in steps of 5, 120 cells)

DSxxx-120M10TB-10 (xxx=450-500, in steps of 5, 120 cells)

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

DSxxx-108M10RTB-01 (xxx=468,473,479,484,490,495,503,508, 108 cells)

DSxxx-108M10RTB-02 (xxx=468,473,479,484,490,495,503,508, 108 cells)

DSxxx-108M10RTB-03 (xxx=468,473,479,484,490,495,503,508, 108 cells)

DSxxx-108M10RTB-04 (xxx=468,473,479,484,490,495,503,508, 108 cells)

DSxxx-108M10RTB-05 (xxx=468,473,479,484,490,495,503,508, 108 cells)

DSxxx-120M10TB-01 (xxx=534,539,545,550,558,564,568, 120 cells)

DSxxx-120M10TB-02 (xxx=534,539,545,550,558,564,568, 120 cells)

DSxxx-120M10TB-03 (xxx=534,539,545,550,558,564,568, 120 cells)

DSxxx-120M10TB-04 (xxx=534,539,545,550,558,564,568, 120 cells)

DSxxx-120M10TB-05 (xxx=534,539,545,550,558,564,568, 120 cells)

DSxxx-132G12RTB-01 (xxx=649,655,660,666,671,677,685,691, 132 cells)

DSxxx-132G12RTB-02 (xxx=649,655,660,666,671,677,685,691, 132 cells)

DSxxx-132G12RTB-03 (xxx=649,655,660,666,671,677,685,691, 132 cells)

DSxxx-132G12RTB-04 (xxx=649,655,660,666,671,677,685,691, 132 cells)

DSxxx-132G12RTB-05 (xxx=649,655,660,666,671,677,685,691, 132 cells)

DSxxx-120M10TB-06

(xxx=497,503,508,514,520,525,531,536,542,547,553, 120 cells)

DSxxx-120M10TB-07

(xxx=497,503,508,514,520,525,531,536,542,547,553, 120 cells)

DSxxx-120M10TB-08

(xxx=497,503,508,514,520,525,531,536,542,547,553, 120 cells)

DSxxx-120M10TB-09

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**Modell** *Type:*

**Bezeichnung** *Designation:*

(xxx=497,503,508,514,520,525,531,536,542,547,553, 120 cells)  
DSxxx-120M10TB-10

(xxx=497,503,508,514,520,525,531,536,542,547,553, 120 cells)

Extension power range for below model types:

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

DSxxx-156M10TB-01 (xxx=630-650, in steps of 5, 156 cells)

DSxxx-156M10TB-02 (xxx=630-650, in steps of 5, 156 cells)

DSxxx-156M10TB-03 (xxx=630-650, in steps of 5, 156 cells)

DSxxx-156M10TB-04 (xxx=630-650, in steps of 5, 156 cells)

DSxxx-156M10TB-05 (xxx=630-650, in steps of 5, 156 cells)

DSxxx-144M10TB-01 (xxx=580-600, in steps of 5, 144 cells)

DSxxx-144M10TB-02 (xxx=580-600, in steps of 5, 144 cells)

DSxxx-144M10TB-03 (xxx=580-600, in steps of 5, 144 cells)

DSxxx-144M10TB-04 (xxx=580-600, in steps of 5, 144 cells)

DSxxx-144M10TB-05 (xxx=580-600, in steps of 5, 144 cells)

DSxxx-132M10TB-01 (xxx=530-550, in steps of 5, 132 cells)

DSxxx-132M10TB-02 (xxx=530-550, in steps of 5, 132 cells)

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)

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

DSxxx-156M10TB-01 (xxx=696,702,707,713,716.5, 156 cells)

DSxxx-156M10TB-02 (xxx=696,702,707,713,716.5, 156 cells)

DSxxx-156M10TB-03 (xxx=696,702,707,713,716.5, 156 cells)

DSxxx-156M10TB-04 (xxx=696,702,707,713,716.5, 156 cells)

DSxxx-156M10TB-05 (xxx=696,702,707,713,716.5, 156 cells)

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)

xxx represents output power in Wp

