

Zertifikat *Certificate*

Zertifikatsnummer Certificate No.:

PV 50605512 0001

Berichtsnummer Report No.:

CN23QCVC 004

Genehmigungsinhaber License Holder:

DualSun SAS
2 rue Marc Donadille
13013 Marseille
France

Fertigungsstätte Manufacturing Site:

2 Fertigungsstätten auf Folgeseiten
Listing of 2 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: 2023-10-24

Valid from:
Zertifizierungsstelle:
Certification body:
Ausstellungsdatum: 2023-10-24

Date of issue:

 Dipl.-Ing. (FH) Fan He


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

Fax: +49 221 806-3935

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CN23QCVC 004

Produkt *Product:* PV Module

Modell *Type:*

Bezeichnung *Designation:*

Max. system voltage: up to 1500 VDC (Voc at STC):

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

DSxxx-156M10TB-01 (xxx=590-625, in steps of 5, 156 cells)

DSxxx-156M10TB-02 (xxx=590-625, in steps of 5, 156 cells)

DSxxx-156M10TB-03 (xxx=590-625, in steps of 5, 156 cells)

DSxxx-156M10TB-04 (xxx=590-625, in steps of 5, 156 cells)

DSxxx-156M10TB-05 (xxx=590-625, in steps of 5, 156 cells)

DSxxx-144M10TB-01 (xxx=535-575, in steps of 5, 144 cells)

DSxxx-144M10TB-02 (xxx=535-575, in steps of 5, 144 cells)

DSxxx-144M10TB-03 (xxx=535-575, in steps of 5, 144 cells)

DSxxx-144M10TB-04 (xxx=535-575, in steps of 5, 144 cells)

DSxxx-144M10TB-05 (xxx=535-575, in steps of 5, 144 cells)

DSxxx-132M10TB-01 (xxx=500-525, in steps of 5, 132 cells)

DSxxx-132M10TB-02 (xxx=500-525, in steps of 5, 132 cells)

DSxxx-132M10TB-03 (xxx=500-525, in steps of 5, 132 cells)

DSxxx-132M10TB-04 (xxx=500-525, in steps of 5, 132 cells)

DSxxx-132M10TB-05 (xxx=500-525, in steps of 5, 132 cells)

DSxxx-120M10TB-01 (xxx=450-480, in steps of 5, 120 cells)

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)

DSxxx-156M10TB-05 (xxx=649,655,660,666,671,677,682,688, 156 cells)

DSxxx-144M10TB-01 (xxx=589,594,600,605,611,616,622,627,633, 144 cells)

DSxxx-144M10TB-02 (xxx=589,594,600,605,611,616,622,627,633, 144 cells)

DSxxx-144M10TB-03 (xxx=589,594,600,605,611,616,622,627,633, 144 cells)

DSxxx-144M10TB-04 (xxx=589,594,600,605,611,616,622,627,633, 144 cells)

DSxxx-144M10TB-05 (xxx=589,594,600,605,611,616,622,627,633, 144 cells)

DSxxx-132M10TB-01 (xxx=550,556,561,567,572,578, 132 cells)

DSxxx-132M10TB-02 (xxx=550,556,561,567,572,578, 132 cells)

DSxxx-132M10TB-03 (xxx=550,556,561,567,572,578, 132 cells)

DSxxx-132M10TB-04 (xxx=550,556,561,567,572,578, 132 cells)

DSxxx-132M10TB-05 (xxx=550,556,561,567,572,578, 132 cells)

DSxxx-120M10TB-01 (xxx=495,501,506,512,517,523,528, 120 cells)

DSxxx-120M10TB-02 (xxx=495,501,506,512,517,523,528, 120 cells)

DSxxx-120M10TB-03 (xxx=495,501,506,512,517,523,528, 120 cells)

DSxxx-120M10TB-04 (xxx=495,501,506,512,517,523,528, 120 cells)

DSxxx-120M10TB-05 (xxx=495,501,506,512,517,523,528, 120 cells)

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CN23QCVC 004

Produkt *Product:* PV Module

Modell *Type:*

Bezeichnung *Designation:*

DSxxx-108M10TB-01 (xxx=446,451,457,462,468,473, 108 cells)
DSxxx-108M10TB-02 (xxx=446,451,457,462,468,473, 108 cells)
DSxxx-108M10TB-03 (xxx=446,451,457,462,468,473, 108 cells)
DSxxx-108M10TB-04 (xxx=446,451,457,462,468,473, 108 cells)
DSxxx-108M10TB-05 (xxx=446,451,457,462,468,473, 108 cells)

xxx represents output power in Wp

Remarks:

- Valid in conjunction with TÜV Rheinland certificate PV 50583967 0001-0005 and only for the material combination as listed in the above mentioned test report.

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.

