

Zertifikat

Certificate



Zertifikat Nr. *Certificate No.*
PV 60142854

Blatt *Sheet*
0003

Ihr Zeichen *Client Reference*

Unser Zeichen *Our Reference*

Ausstellungsdatum

Date of Issue

0001--21290534 002

19.11.2019

(day/mo/yr)

Genehmigungsinhaber *License Holder*

Vikram Solar Limited
The Chambers, 8th Floor
1865, Rajdanga Main Road
Kolkata 700107
India

Fertigungsstätte *Manufacturing Plant*

Refer to latest revision
of the annex list of factories

Prüfzeichen *Test Mark*



Geprüft nach *Tested acc. to*

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

Zertifiziertes Produkt (Geräteidentifikation)

Certified Product (Product Identification)

Lizenzentgelte - Einheit

License Fee - Unit

PV Module

Type with 6" poly cells:

ELDORA VSP.72.AAA.05 (AAA=315-345) with 72 cells
ELDORA VSP.60.AAA.05 (AAA=270-280) with 60 cells
ELDORA VSP.72.AAA.03.04 (AAA=315-345) with 72 cells
ELDORA VSP.60.AAA.03.04 (AAA=270-280) with 60 cells
ELDORA VSPS.72.AAA.05 (AAA=315-345) with 72 cells
ELDORA VSPS.60.AAA.05 (AAA=270-280) with 60 cells
ELDORA VSPS.72.AAA.03.04 (AAA=315-345) with 72 cells
ELDORA VSPS.60.AAA.03.04 (AAA=270-280) with 60 cells

Type with 6" mono cells:

SOMERA VSMS.72.AAA.05 (AAA=355-385) with 72 cells
SOMERA VSMS.60.AAA.05 (AAA=300-320) with 60 cells
SOMERA VSMS.72.AAA.03.04 (AAA=355-385) with 72 cells
SOMERA VSMS.60.AAA.03.04 (AAA=300-320) with 60 cells

AAA represent output power in Wp, in steps of 1

Remarks (including Remarks page 2):

Class II acc. to IEC 61140

Max. System voltage: 1000 VDC (Voc at STC), and
1500 VDC for types with suffix '.05'.

Max. positive Design Load (downward): 3600 Pa

Max. negative Design Load (upward): 1600 Pa

with safety factor 1.5

Conditions: see page 2; Validity: 25 September 2024

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

Tel.: +49 221 806-1371 e-mail: cert-validity@de.tuv.com
Fax: +49 221 806-3935 http://www.tuv.com/safety

Zertifizierungsstelle



Dipl.-Ing. M. Adrian

Zertifikat

Certificate



Zertifikat Nr. *Certificate No.*
PV 60142854

Blatt *Sheet*
0001

Ihr Zeichen *Client Reference*

Unser Zeichen *Our Reference*

Ausstellungsdatum

Date of Issue

0001--21290534 001

26.09.2019

(day/mo/yr)

Genehmigungsinhaber *License Holder*

Vikram Solar Limited
The Chambers, 8th Floor
1865, Rajdanga Main Road
Kolkata 700107
India

Fertigungsstätte *Manufacturing Plant*

Refer to latest revision
of the annex list of factories

Prüfzeichen *Test Mark*



Geprüft nach *Tested acc. to*

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

Zertifiziertes Produkt (Geräteidentifikation)
Certified Product (Product Identification)

Lizenzentgelte - Einheit
License Fee - Unit

PV Module

Type:

with 6" mono cut cells:
SOMERA VSMH.75.AAA.05
(AAA=375-400 in steps of 1, 150 cells)
with 6" mono cells:
SOMERA VSM.72.AAA.05
(AAA=355-385 in steps of 1, 72 cells)
SOMERA VSM.60.AAA.05
(AAA=300-320 in steps of 1, 60 cells)
SOMERA VSM.72.AAA.03.04
(AAA=355-385 in steps of 1, 72 cells)
SOMERA VSM.60.AAA.03.04
(AAA=300-320 in steps of 1, 60 cells)
AAA represents output power in Wp

Remarks:

Class II acc. to IEC 61140
Max. System voltage: 1000 VDC (Voc at STC), and
1500 VDC for types with suffix '.05'.
Max. positiv Design Load (downward): 3600 Pa
Max. negativ Design Load (upward): 1600 Pa
with safety factor 1.5
Additional applicable test standards see page 2.

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.

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Zertifizierungsstelle

Dipl.-Ing. M. Adrian



Zertifikat

Certificate



Zertifikat Nr. *Certificate No.*
PV 60142854

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0007

Ihr Zeichen *Client Reference*

Unser Zeichen *Our Reference*

Ausstellungsdatum

Date of Issue

0001--21290534 007

09.03.2021

(day/mo/yr)

Genehmigungsinhaber *License Holder*

Vikram Solar Limited
The Chambers, 8th Floor
1865, Rajdanga Main Road
Kolkata 700107
India

Fertigungsstätte *Manufacturing Plant*

Refer to latest revision
of the annex list of factories

Prüfzeichen *Test Mark*



Geprüft nach *Tested acc. to*

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

Zertifiziertes Produkt (Geräteidentifikation)
Certified Product (Product Identification)

Lizenzentgelte - Einheit
License Fee - Unit

PV Module

Type:

with 6" mono half cut cells:

SOMERA VSMH.78.AAA.05

SOMERA VSMHBB.78.AAA.05

(AAA = 475 - 485 in steps of 1, 156 cells)

SOMERA VSMH.72.AAA.05

SOMERA VSMHBB.72.AAA.05

(AAA = 385 - 450 in steps of 1, 144 cells)

SOMERA VSMH.60.AAA.05

SOMERA VSMHBB.60.AAA.05

(AAA = 315 - 370 in steps of 1, 120 cells)

AAA represent output power in Wp

Remarks (including Remarks page 2):

Class II acc. to IEC 61140

Max. System voltage: 1500 VDC (Voc at STC)

Max. positive Design Load (downward): 3600 Pa

Max. negative Design Load (upward): 1600 Pa

with safety factor 1.5

Fire Class C per UL 1703 (per UL 790 modified)

Conditions: see page 4

Validity: 25 September 2024

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

Tel.: +49 221 806-1371 e-mail: cert-validity@de.tuv.com

Fax: +49 221 806-3935 http://www.tuv.com/safety



Zertifikat

Certificate



Zertifikat Nr. *Certificate No.*
PV 60142854

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0004

Ihr Zeichen *Client Reference*

Unser Zeichen *Our Reference*

Ausstellungsdatum

Date of Issue

0001--21290534 003

27.02.2020

(day/mo/yr)

Genehmigungsinhaber *License Holder*

Vikram Solar Limited
The Chambers, 8th Floor
1865, Rajdanga Main Road
Kolkata 700107
India

Fertigungsstätte *Manufacturing Plant*

Refer to latest revision
of the annex list of factories

Prüfzeichen *Test Mark*



Geprüft nach *Tested acc. to*

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

Zertifiziertes Produkt (Geräteidentifikation)
Certified Product (Product Identification)

Lizenzentgelte - Einheit
License Fee - Unit

PV Module

Type:

with 6" poly cut cells:
ELDORA VSPH.72.AAA.05
ELDORA VSPH.72.AAA.03.04
ELDORA VSPHS.72.AAA.05
(AAA = 330 - 360 in steps of 1 with 144 cells)
AAA represent output power in Wp

Remarks (including Remarks page 2):

Class II acc. to IEC 61140
Max. System voltage: 1500 VDC (Voc at STC)
Max. positive Design Load (downward): 3600 Pa
Max. negative Design Load (upward): 1600 Pa
with safety factor 1.5
Additional applicable test standards see page 2.

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.
Validity: 25 September 2024

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

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Dipl.-Ing. A. Cox

Zertifikat

Certificate



Zertifikat Nr. *Certificate No.*
PV 60141112

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0005

Ihr Zeichen *Client Reference*

Unser Zeichen *Our Reference*

Ausstellungsdatum

Date of Issue

0001--21290518 004

30.03.2021

(day/mo/yr)

Genehmigungsinhaber *License Holder*

Vikram Solar Limited
The Chambers, 8th Floor
1865, Rajdanga Main Road
Kolkata 700107
India

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
ID 111219270

Geprüft nach *Tested acc. to*

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

Zertifiziertes Produkt (Geräteidentifikation)

Certified Product (Product Identification)

Lizenzentgelte - Einheit

License Fee - Unit

PV Module

Types with 6" mono half cut bifacial cells:
PREXOS VSMDHT.78.AAA.05
(AAA = 475 - 485 in steps of 1, 156 cells)
PREXOS VSMDHT.72.AAA.05
(AAA = 430 - 450 in steps of 1, 144 cells)
PREXOS VSMDHT.60.AAA.05
(AAA = 355 - 360 in steps of 1, 120 cells)
AAA represents output power in Wp

Remarks and Conditions:

Class II acc. to IEC 61140

Max. System voltage: 1500 VDC (Voc at STC)

Additional requirements for bifacial modules tested
according 2 PfG 2665/06.18 and 2 PfG 2645/11.18.

Max. Design Load (downward/upward): 3600/1600 Pa
with safety factor 1.5

Fire Class C per UL 1703 (per UL 790 modified)

Additional applicable test standards see page 2.

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.

Validity: 29 July 2024

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

Tel.: +49 221 806-1371 e-mail: cert-validity@de.tuv.com

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Zertifikat

Certificate



Zertifikat Nr. *Certificate No.*
PV 60142854

Blatt *Sheet*
0002

Ihr Zeichen *Client Reference*

Unser Zeichen *Our Reference*

Ausstellungsdatum

Date of Issue

0001--21290534 001

26.09.2019

(day/mo/yr)

Genehmigungsinhaber *License Holder*

Vikram Solar Limited
The Chambers, 8th Floor
1865, Rajdanga Main Road
Kolkata 700107
India

Fertigungsstätte *Manufacturing Plant*

Refer to latest revision
of the annex list of factories

Prüfzeichen *Test Mark*



Geprüft nach *Tested acc. to*

EN 61215-1:2016
EN 61215-1-1:2016
EN 61215-2:2017
EN IEC 61730-1:2018
EN IEC 61730-2:2018

Zertifiziertes Produkt (Geräteidentifikation)
Certified Product (Product Identification)

Lizenzentgelte - Einheit
License Fee - Unit

PV Module

Type:
see previous page

Remarks:
Additional applicable test standards see page 1 & 2.

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.
Validity: 5 years counting from date of issue.

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.

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Zertifizierungsstelle

Dipl.-Ing. M. Adrian



**Anlage Fertigungsstättenliste
/Attachment List of Factories**



PV 60142854 0001

Anlagenrevision / Annex revision

3

1 Vikram Solar Ltd. (Unit-II)
Sec-II, Falta Special Economic Zone
Falta, District: South 24-Parganas
P.S.: Ramnagar, P.O. Falta S.O.
West Bengal 743504
India

2 Vikram Solar Limited
B1000A, B1100C,
Indospace Industrial Park
Panruti Pvt Ltd. Survey No-2A
SRIPERUMBUDUR Taluk
Kanchipuram 523230
India

TÜVRheinland

Dieser Anhang ersetzt den Vorgänger vom/
This annex replaces the previous annex dated

Datum / Date 26.09.2019

Zertifizierungsstelle
/ Certification Body



Dipl.-Ing. A. Cox