

Zertifikat

Certificate



Zertifikat Nr. *Certificate No.*
PV 60125380

Blatt *Page*
0001

Ihr Zeichen *Client Reference*

Unser Zeichen *Our Reference*
0001--21222257 007

Ausstellungsdatum
21.12.2017

Date of Issue
(day/mo/yr)

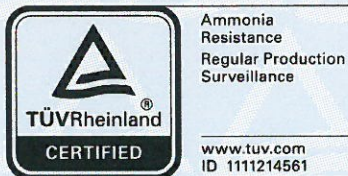
Genehmigungsinhaber *License Holder*

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

Fertigungsstätte *Manufacturing Plant*

Vikram Solar Ltd.
Special Economic Zone
Sector II Falta, 24 Parganas (South)
West Bengal 743504
India

Prüfzeichen *Test Mark*



Geprüft nach *Tested acc. to*

IEC 62716:2013
EN 62716:2013

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

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

PV-Module

Type:

with 6" poly-crystalline cells:

ELDORA VSP.72.AAA.03 (AAA = 275-335) with 72 cells
ELDORA VSP.60.AAA.03 (AAA = 228-279) with 60 cells
ELDORA VSP.54.AAA.03 (AAA = 205-250) with 54 cells
ELDORA VSP.48.AAA.03 (AAA = 182-223) with 48 cells
ELDORA VSP.36.AAA.03 (AAA = 137-168) with 36 cells
ELDORA VSPB.72.AAA.03 (AAA = 275-335) with 72 cells
ELDORA VSPB.60.AAA.03 (AAA = 228-279) with 60 cells
ELDORA VSPB.54.AAA.03 (AAA = 205-250) with 54 cells
ELDORA VSPB.48.AAA.03 (AAA = 182-223) with 48 cells
ELDORA VSPB.36.AAA.03 (AAA = 137-168) with 36 cells
ELDORA VSPBB.60.AAA.03 (AAA = 228-279) with 60 cells
ELDORA VSPBB.54.AAA.03 (AAA = 205-250) with 54 cells
ELDORA VSPBB.48.AAA.03 (AAA = 182-223) with 48 cells
ELDORA VSPBB.36.AAA.03 (AAA = 137-168) with 36 cells
ELDORA VSP.72.AAA.04 (AAA = 300-365) with 72 cells
ELDORA VSP.60.AAA.04 (AAA = 250-305) with 60 cells
ELDORA VSP.54.AAA.04 (AAA = 225-275) with 54 cells
ELDORA VSP.48.AAA.04 (AAA = 200-245) with 48 cells
ELDORA VSP.36.AAA.04 (AAA = 150-185) with 36 cells

AAA represent output power in Wp

refer to remarks on page 4

continued on 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.*

Zertifizierungsstelle



Dipl.-Ing. M. Adrian

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 60125380

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0002

Ihr Zeichen *Client Reference*

Unser Zeichen *Our Reference*
0001--21222257 007

Ausstellungsdatum
21.12.2017

Date of Issue
(day/mo/yr)

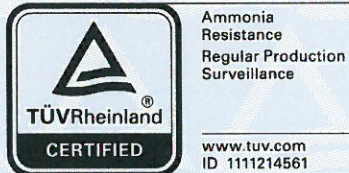
Genehmigungsinhaber *License Holder*

Vikram Solar Limited
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1865, Rajdanga Main Road
Kolkata 700107
India

Fertigungsstätte *Manufacturing Plant*

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West Bengal 743504
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Prüfzeichen *Test Mark*



Geprüft nach *Tested acc. to*

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EN 62716:2013

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

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

PV-Module

Type:

with 6" poly - crystalline cells
ELDORA VSPB.72.AAA.04 (AAA=300-365) with 72 cells
ELDORA VSPB.60.AAA.04 (AAA=250-305) with 60 cells
ELDORA VSPB.54.AAA.04 (AAA=225-275) with 54 cells
ELDORA VSPB.48.AAA.04 (AAA=200-245) with 48 cells
ELDORA VSPB.36.AAA.04 (AAA=150-185) with 36 cells
(AAA represent output power in Wp)

with poly cut cells

ELDORA 290P with 255-310 Wp, 72 cells
ELDORA 270P with 225-275 Wp, 72 cells
ELDORA 260P with 225-270 Wp, 72 cells
ELDORA 240P with 220-265 Wp, 72 cells
ELDORA 200P with 190-235 Wp, 72 cells
ELDORA 180P with 170-210 Wp, 72 cells
ELDORA 160P with 135-165 Wp, 72 cells
ELDORA 130P with 120-145 Wp, 72 cells
ELDORA 130P with 120-145 Wp, 36 cells
ELDORA 120P with 120-130 Wp, 72 cells
ELDORA 120P with 120-130 Wp, 36 cells

continued on page 3

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fulfills above mentioned requirements, the production is subject to surveillance.*

Zertifizierungsstelle



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Zertifikat

Certificate



Zertifikat Nr. *Certificate No.*
PV 60125380

Blatt *Page*
0003

Ihr Zeichen *Client Reference*

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0001--21222257 007

Ausstellungsdatum
21.12.2017

Date of Issue
(day/mo/yr)

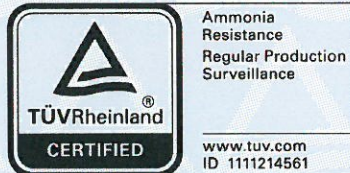
Genehmigungsinhaber *License Holder*

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

Fertigungsstätte *Manufacturing Plant*

Vikram Solar Ltd.
Special Economic Zone
Sector II Falta, 24 Parganas (South)
West Bengal 743504
India

Prüfzeichen *Test Mark*



Geprüft nach *Tested acc. to*

IEC 62716:2013
EN 62716:2013

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

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

PV-Module

Type:

with 6" poly - crystalline cells

ELDORA VSP.72.AAA.03.04 (AAA=285-350) with 72 cells
ELDORA VSP.60.AAA.03.04 (AAA=235-290) with 60 cells
ELDORA VSP.54.AAA.03.04 (AAA=215-265) with 54 cells
ELDORA VSP.48.AAA.03.04 (AAA=190-235) with 48 cells
ELDORA VSP.36.AAA.03.04 (AAA=145-175) with 36 cells
ELDORA VSPB.72.AAA.03.04 (AAA=285-350) with 72 cells
ELDORA VSPB.60.AAA.03.04 (AAA=235-290) with 54 cells
ELDORA VSPB.54.AAA.03.04 (AAA=215-265) with 54 cells
ELDORA VSPB.48.AAA.03.04 (AAA=190-235) with 48 cells
ELDORA VSPB.36.AAA.03.04 (AAA=145-175) with 36 cells
ELDORA VSPBB.60.AAA.03.04 (AAA=235-290) with 60 cells
ELDORA VSPBB.54.AAA.03.04 (AAA=215-265) with 54 cells
ELDORA VSPBB.48.AAA.03.04 (AAA=190-235) with 48 cells
ELDORA VSPBB.36.AAA.03.04 (AAA=145-175) with 36 cells

AAA represent output power in Wp

continued on page 4

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 60125380

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0004

Ihr Zeichen *Client Reference*

Unser Zeichen *Our Reference*

Ausstellungsdatum

Date of Issue

0001--21222257 007

20.12.2017

(day/mo/yr)

Genehmigungsinhaber *License Holder*

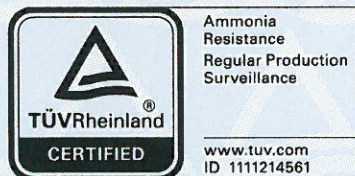
Vikram Solar Limited
The Chambers, 8th Floor
1865, Rajdanga Main Road
Kolkata 700107
India

Fertigungsstätte *Manufacturing Plant*

Vikram Solar Ltd.
Special Economic Zone
Sector II Falta, 24 Parganas (South)
West Bengal 743504
India

Prüfzeichen *Test Mark*

Geprüft nach *Tested acc. to*



IEC 62716:2013
EN 62716:2013

Zertifiziertes Produkt (Geräteidentifikation)
Certified Product (Product Identification)

Lizenzentgelte - Einheit
License Fee - Unit

PV-Module

Remarks:

- Valid in conjunction with TÜV Rheinland certificate acc. to IEC 61215, IEC 61730, and only for the material combination as listed in the above mentioned test report.
- This certificate replaces certificate PV 60101998.

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. Accordingly the repetition of the tests that are basis of this certificate may be required.
The certificate is valid until 27 January 2020.

ANLAGE (Appendix): Lift of Factories

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

Zertifizierungsstelle



Dipl.-Ing. M. Adrian

**Anlage Fertigungsstättenliste
/ Attachment List of Factories**

PV 60125380 0001

1. Vikram Solar Ltd.
Special Economic Zone
Sector II Falta, 24 Parganas (South)
West Bengal 743504
India


2. Vikram Solar Ltd.
FAB-II Special Economic Zone
Falta 24 Parganas (South)
West Bengal 743504
India



Zertifizierungsstelle
/ Certification Body



Datum / Date 21.12.2017


Dipl.-Ing. M. Adrian

TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg

Zertifikat

Certificate



Zertifikat Nr. *Certificate No.* Blatt *Blatt*
PV 60125380 0005

Ihr Zeichen *Client Reference* Unser Zeichen *Our Reference* Ausstellungsdatum *Date of Issue*
0001--21222257 009 18.05.2018 (day/mo/yr)

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

Fertigungsstätte *Manufacturing Plant*
Vikram Solar Ltd.
Special Economic Zone
Sector II Falta, 24 Parganas (South)
West Bengal 743504
India

Prüfzeichen *Test Mark*



Geprüft nach *Tested acc. to*
IEC 62716:2013
EN 62716:2013

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=285-350) with 72 cells
- ELDORA VSP.60.AAA.05 (AAA=240-293) with 60 cells
- ELDORA VSP.54.AAA.05 (AAA=215-265) with 54 cells
- ELDORA VSP.48.AAA.05 (AAA=190-235) with 48 cells
- ELDORA VSP.36.AAA.05 (AAA=140-175) with 36 cells
- ELDORA VSPB.72.AAA.05 (AAA=285-350) with 72 cells
- ELDORA VSPB.60.AAA.05 (AAA=240-293) with 60 cells
- ELDORA VSPB.54.AAA.05 (AAA=215-265) with 54 cells
- ELDORA VSPB.48.AAA.05 (AAA=190-235) with 48 cells
- ELDORA VSPB.36.AAA.05 (AAA=140-175) with 36 cells

Type: with 6" mono cells:

- SOMERA VSM.72.AAA.05 (AAA=310-380) with 72 cells
- SOMERA VSM.60.AAA.05 (AAA=260-315) with 60 cells
- SOMERA VSM.54.AAA.05 (AAA=235-285) with 54 cells
- SOMERA VSM.48.AAA.05 (AAA=210-255) with 48 cells
- SOMERA VSM.36.AAA.05 (AAA=155-190) with 36 cells

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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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Zertifizierungsstelle

Dipl.-Ing. M. Adrian

Zertifikat

Certificate



Zertifikat Nr. Certificate No.
PV 60125380

Blatt Blatt
0006

Ihr Zeichen Client Reference

Unser Zeichen Our Reference

Ausstellungsdatum

Date of Issue

0001--21222257 009

18.05.2018

(day/mo/yr)

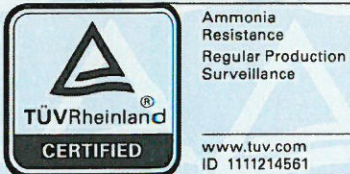
Genehmigungsinhaber License Holder

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

Fertigungsstätte Manufacturing Plant

Vikram Solar Ltd.
Special Economic Zone
Sector II Falta, 24 Parganas (South)
West Bengal 743504
India

Prüfzeichen Test Mark



Geprüft nach Tested acc. to

IEC 62716:2013
EN 62716:2013

Zertifiziertes Produkt (Geräteidentifikation) Certified Product (Product Identification)

Lizenzentgelte - Einheit License Fee - Unit

PV Module

Type: with 6" mono cells:

SOMERA VSMB.72.AAA.05 (AAA=310-380) with 72 cells
SOMERA VSMB.60.AAA.05 (AAA=260-315) with 60 cells
SOMERA VSMB.54.AAA.05 (AAA=235-285) with 54 cells
SOMERA VSMB.48.AAA.05 (AAA=210-255) with 48 cells
SOMERA VSMB.36.AAA.05 (AAA=155-190) with 36 cells
SOMERA VSM.72.AAA.03.04 (AAA=310-380) with 72 cells
SOMERA VSM.60.AAA.03.04 (AAA=260-315) with 60 cells
SOMERA VSM.54.AAA.03.04 (AAA=235-285) with 54 cells
SOMERA VSM.48.AAA.03.04 (AAA=210-255) with 48 cells
SOMERA VSM.36.AAA.03.04 (AAA=155-190) with 36 cells
SOMERA VSMB.72.AAA.03.04 (AAA=310-380) with 72 cells
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SOMERA VSMBB.60.AAA.03.04 (AAA=260-315) with 60 cells
SOMERA VSMBB.54.AAA.03.04 (AAA=235-285) with 54 cells
SOMERA VSMBB.48.AAA.03.04 (AAA=210-255) with 48 cells
SOMERA VSMBB.36.AAA.03.04 (AAA=155-190) with 36 cells

AAA represent output power in Wp

Remarks and Conditions refer to page 4.

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