Certificate



Zertifikat Nr. Certificate No. PV 60124304 Blatt Page

Ihr Zeichen Client Reference

Unser Zeichen Our Reference 0001--21170525 017 Ausstellungsdatum 27.10.2017 Date of Issue (day/mo/yr)

Genehmigungsinhaber License Holder

Vikram Solar Limited The Chambers, 8th Floor 1865, Rajdanga Main Road Kolkata 700007 India Fertigungsstätte Manufacturing Plant

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

Prüfzeichen Test Mark



IEC 61215 IEC 61730 Regular Production Surveillance

www.tuv.com ID 1111214196 Geprüft nach Tested acc. to

IEC 61215:2005 EN 61215:2005

IEC 61730-1:2004+A1+A2 IEC 61730-2:2004+A1

EN 61730-1:2007+A1+A2+A11

EN 61730-2:2007+A1

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 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 60 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 AAA represent output power in Wp refer to remarks on page 7 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.

TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg



Dipl.-Ing. M. Adrian

Certificate



Zertifikat Nr. Certificate No. PV 60124304 Blatt Page

Ihr Zeichen Client Reference

Unser Zeichen Our Reference 0001--21170525 017 Ausstellungsdatum 27.10.2017 Date of Issue (day/mo/yr)

Genehmigungsinhaber License Holder Vikram Solar Limited The Chambers, 8th Floor 1865, Rajdanga Main Road Kolkata 700007 India Fertigungsstätte Manufacturing Plant

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

Prüfzeichen Test Mark



IEC 61215 IEC 61730 Regular Production Surveillance

www.tuv.com ID 1111214196 Geprüft nach Tested acc. to

IEC 61215:2005 EN 61215:2005

IEC 61730-1:2004+A1+A2 IEC 61730-2:2004+A1

EN 61730-1:2007+A1+A2+A11

EN 61730-2:2007+A1

Zertifiziertes Produkt (Geräteidentifikation)
Certified Product (Product Identification)

Lizenzentgelte - Einheit License Fee - Unit

PV-Module

Type: with 6" poly 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 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 AAA represent output power in Wp

refer to remarks on page 7

continued on page 3

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



Dipl.-Ing. M. Adrian

Certificate



Zertifikat Nr. Certificate No. PV 60124304

Blatt Page

Ihr Zeichen Client Reference

Unser Zeichen Our Reference 0001--21170525 017 Ausstellungsdatum 27.10.2017 Date of Issue (day/mo/vr)

Genehmigungsinhaber License Holder

Vikram Solar Limited The Chambers, 8th Floor 1865, Rajdanga Main Road Kolkata 700007 India Fertigungsstätte Manufacturing Plant

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

Prüfzeichen Test Mark



IEC 61215 IEC 61730 Regular Production Surveillance

www.tuv.com ID 1111214196 Geprüft nach Tested acc. to

IEC 61215:2005 EN 61215:2005

IEC 61730-1:2004+A1+A2 IEC 61730-2:2004+A1

EN 61730-1:2007+A1+A2+A11

EN 61730-2:2007+A1

Zertifiziertes Produkt (Geräteidentifikation)
Certified Product (Product Identification)

Lizenzentgelte - Einheit License Fee - Unit

PV-Module

Type with 6" poly cells: ELDORA VSP.60.AAA.03.01 (AAA=228-279) with 60 cells ELDORA VSP.54.AAA.03.01 (AAA=205-250) with 54 cells ELDORA VSP.48.AAA.03.01 (AAA=182-223) with 48 cells ELDORA VSP.36.AAA.03.01 (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 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

refer to remarks on page 7

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



Dipl.-Ing. M. Adrian

Certificate



Zertifikat Nr. Certificate No. PV 60124304

Blatt Page 0004

Ihr Zeichen Client Reference

Unser Zeichen Our Reference

Ausstellungsdatum

Date of Issue

0001--21170525 017

27.10.2017

(day/mo/yr)

Genehmigungsinhaber License Holder

Vikram Solar Limited The Chambers, 8th Floor 1865, Rajdanga Main Road Kolkata 700007 India

Fertigungsstätte Manufacturing Plant

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

Prüfzeichen Test Mark



IEC 61215 IEC 61730 Regular Production Surveillance

www.tuv.com ID 1111214196

Geprüft nach Tested acc. to

IEC 61215:2005 EN 61215:2005

IEC 61730-1:2004+A1+A2 IEC 61730-2:2004+A1

EN 61730-1:2007+A1+A2+A11

EN 61730-2:2007+A1

Zertifiziertes Produkt (Geräteidentifikation) (Product Identification) Certified Product

Lizenzentgelte - Einheit License Fee - Unit

PV-Module

Type: with 6" poly cut cells: ELDORA 300P with 265-320 Wp, 72 cut cells ELDORA 250P with 247-302 Wp, 72 cut cells ELDORA 290P with 255-310 Wp, 72 cut cells ELDORA 270P with 225-275 Wp, 72 cut cells ELDORA 260P with 225-270 Wp, 72 cut cells ELDORA 240P with 220-265 Wp, 72 cut cells ELDORA 200P with 190-235 Wp, 72 cut cells ELDORA 180P with 170-210 Wp, 72 cut cells ELDORA 160P with 135-165 Wp, 72 cut cells ELDORA 130P with 120-145 Wp, 72 cut cells ELDORA 130P with 120-145 Wp, 36 cut cells ELDORA 120P with 120-130 Wp, 72 cut cells ELDORA 120P with 120-130 Wp, 36 cut cells ELDORA 100P with 100-125 Wp, 36 cut cells ELDORA 80P with 80-100 Wp, 36 cut cells ELDORA 60P with 60-75 Wp, 36 cut cells ELDORA 50P with 50-60 Wp, 36 cut cells ELDORA 40P with 40-50 Wp, 36 cut cells ELDORA 30P with 30-35 Wp, 36 cut cells ELDORA 20P with 20-25 Wp, 36 cut cells

refer to remarks on page 7

continued on page 5

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



Dipl.-Ing. M. Adrian

Certificate



Zertifikat Nr. Certificate No. PV 60124304

Blatt Page 0005

Ihr Zeichen Client Reference

Unser Zeichen Our Reference

Ausstellungsdatum

Date of Issue

0001--21170525 017

27.10.2017

(day/mo/yr)

Genehmigungsinhaber License Holder

Vikram Solar Limited The Chambers, 8th Floor 1865, Rajdanga Main Road Kolkata 700007 India

Fertigungsstätte Manufacturing Plant

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

Prüfzeichen Test Mark



IEC 61730 Regular Production urveillance

Geprüft nach Tested acc. to

IEC 61215:2005 EN 61215:2005

IEC 61730-1:2004+A1+A2 IEC 61730-2:2004+A1

EN 61730-1:2007+A1+A2+A11

EN 61730-2:2007+A1

Zertifiziertes Produkt (Geräteidentifikation) Certified Product (Product Identification) Lizenzentgelte - Einheit License Fee - Unit

PV-Module

Type: with 6" poly cut cells: ELDORA 10P with 10-12 Wp, 36 cut cells ELDORA 05P with 05-07 Wp, 18 cut cells ELDORA 100 with 90-110 Wp, 36 cut cells ELDORA 80 with 70-85 Wp, 36 cut cells ELDORA 60 with 55-65 Wp, 36 cut cells ELDORA 50 with 50-60 Wp, 36 cut cells ELDORA 40 with 37-45 Wp, 36 cut cells ELDORA 30 with 25-35 Wp, 36 cut cells ELDORA 20 with 18-22 Wp, 36 cut cells ELDORA 10 with 08-12 Wp, 36 cut cells

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 AAA represent output power in Wp

refer to remarks on page 7

continued on page 6

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



Certificate



Zertifikat Nr. Certificate No. PV 60124304 Blatt Page

Ihr Zeichen Client Reference

Unser Zeichen Our Reference 0001--21170525 017 Ausstellungsdatum 27.10.2017 Date of Issue (day/mo/yr)

Genehmigungsinhaber License Holder

Vikram Solar Limited The Chambers, 8th Floor 1865, Rajdanga Main Road Kolkata 700007 India Fertigungsstätte Manufacturing Plant

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

Prüfzeichen Test Mark



IEC 61215 IEC 61730 Regular Production Surveillance

www.tuv.com ID 1111214196 Geprüft nach Tested acc. to

IEC 61215:2005 EN 61215:2005

IEC 61730-1:2004+A1+A2 IEC 61730-2:2004+A1

EN 61730-1:2007+A1+A2+A11 EN 61730-2:2007+A1

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 SOMERA VSMB.60.AAA.03.04 (AAA=260-315) with 60 cells SOMERA VSMB.54.AAA.03.04 (AAA=235-285) with 54 cells SOMERA VSMB.48.AAA.03.04 (AAA=210-255) with 48 cells SOMERA VSMB.36.AAA.03.04 (AAA=155-190) with 36 cells 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

refer to remarks on page 7

continued on page 7

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.

Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.

This vertificate 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



Dipl.-Ing. M. Adrian

Certificate



Zertifikat Nr. Certificate No. PV 60124304

Blatt Page 0007

Ihr Zeichen Client Reference

Unser Zeichen Our Reference 0001--21170525 017 Ausstellungsdatum 27.10.2017

Date of Issue (day/mo/yr)

Genehmigungsinhaber License Holder

Vikram Solar Limited The Chambers, 8th Floor 1865, Rajdanga Main Road Kolkata 700007 India

Fertigungsstätte Manufacturing Plant

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

Prüfzeichen Test Mark



IEC 61215 IEC 61730 Regular Production Surveillance

WWW.tuv.com ID 1111214196

Geprüft nach Tested acc. to

IEC 61215:2005 EN 61215:2005

IEC 61730-1:2004+A1+A2 IEC 61730-2:2004+A1

EN 61730-1:2007+A1+A2+A11

EN 61730-2:2007+A1

Zertifiziertes Produkt (Geräteidentifikation) (Product Identification) Certified Product

Lizenzentgelte - Einheit License Fee - Unit

PV-Module

Type: with 6" mono cut cells: ELDORA 100M with 100-120 Wp, 36 cut cells ELDORA 80M with 90-100 Wp, 36 cut cells ELDORA 60M with 60-75 Wp, 36 cut cells ELDORA 50M with 50-60 Wp, 36 cut cells ELDORA 40M with 40-50 Wp, 36 cut cells ELDORA 30M with 30-37 Wp, 36 cut cells ELDORA 20M with 20-25 Wp, 36 cut cells ELDORA 10M with 10-12 Wp, 36 cut cells

Remarks:

The above listed PV modules fulfil the requirements of Application Class A (Safety Class II). They may be used in PV plants at a maximum system voltage (Voc at STC) of up to 1000 VDC, or 1500 VDC for module type ELDORA and SOMERA with suffix '.05' with the type desgination. The above listed PV modules fulfil the requirements of fire rating class C. The mechanical load test of EN IEC 61215:2005 was performed with a load of 5400 Pa.

continued on page 8

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde. Das Produkt entspricht den o.g. Anjorderungen, 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



Dipl.-Ing. M. Adrian

Certificate



Zertifikat Nr. Certificate No. PV 60124304

Blatt Page

Ihr Zeichen Client Reference

Unser Zeichen Our Reference 0001--21170525 017 Ausstellungsdatum 27.10.2017 Date of Issue (day/mo/yr)

Genehmigungsinhaber License Holder

Vikram Solar Limited The Chambers, 8th Floor 1865, Rajdanga Main Road Kolkata 700007 India Fertigungsstätte Manufacturing Plant

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

Prüfzeichen Test Mark



IEC 61215 IEC 61730 Regular Production Surveillance

www.tuv.com ID 1111214196 Geprüft nach Tested acc. to

IEC 61215:2005 EN 61215:2005 IEC 61730-1:2004+A1+A2 IEC 61730-2:2004+A1 EN 61730-1:2007+A1+A2+A11 EN 61730-2:2007+A1

Zertifiziertes Produkt (Geräteidentifikation) Certified Product (Product Identification) Lizenzentgelte - Einheit License Fee - Unit

PV-Module

Conditions:

The product test is voluntarily according to technical regulations. Any change of the design, materials, components or processing max require the repetition of some of the qualification tests in order to retain type approval. The certificate is valid until 27 January 2020.

ANLAGE (Appendix): List of Factories

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.

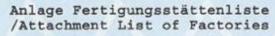
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.

This certificate is based on our Testing and Certification Regulation. The product fulfills above mentioned requirements, the production is subject to surveillance.

TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg



Dipl.-Ing. M. Adrian



PV 60124304 0008

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



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

TÜVRheinland

Datum / Date 27.10.2017

Dipl.-Ing. M. Adrian

Zertifizierungsstell / Certification Body

TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg

Certificate



Zertifikat Nr. Certificate No. PV 60125374 Blatt Page

Ihr Zeichen Client Reference

Unser Zeichen Our Reference 0001--21221521 008 Ausstellungsdatum
13.12.2017

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



Sait Mist Resistance Regular Production Surveillance Geprüft nach Tested acc. to IEC 61701:2011 EN 61701:2012

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 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 60 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 AAA represent output power in Wp

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

TÜVRheinland

Törninierungsstelle

Dipl.-Ing. M. Adrian

continued on page 2

refer to remarks on page 6

Certificate



Zertifikat Nr. Certificate No. PV 60125374

Blatt Page 0002

Ihr Zeichen Client Reference

Unser Zeichen Our Reference 0001--21221521 008 Ausstellungsdatum Date of Issue

13.12.2017 (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



Resistance Regular Production urveillance www.tuv.com ID 1111214510

Geprüft nach Tested acc. to IEC 61701:2011 EN 61701:2012

Zertifiziertes Produkt (Geräteidentifikation) Certified Product (Product Identification) Lizenzentgelte - Einheit License Fee - Unit

PV-Module

Type: with 6" poly 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 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 AAA represent output power in Wp

refer to remarks on page 6

continued on page 3

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



Dipl.-Ing. M. Adrian

Certificate



Zertifikat Nr. Certificate No. PV 60125374

Blatt Page 0003

Ihr Zeichen Client Reference

Unser Zeichen Our Reference 0001--21221521 008 Ausstellungsdatum 13.12.2017

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



Resistance Regular Production Surveillance

www.tuv.com

Geprüft nach Tested acc. to

IEC 61701:2011 EN 61701:2012

Zertifiziertes Produkt (Geräteidentifikation) Certified Product (Product Identification)

Lizenzentgelte - Einheit License Fee - Unit

PV-Module

Type: with 6" poly 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

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

refer to remarks on page 6

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



Certificate



Zertifikat Nr. Certificate No. PV 60125374 Blatt Page

Ihr Zeichen Client Reference

Unser Zeichen Our Reference 0001--21221521 008 Ausstellungsdatum Date
13.12.2017 (day)

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



Salt Mist Resistance Regular Production Surveillance Geprüft nach Tested acc. to

IEC 61701:2011 EN 61701:2012

Zertifiziertes Produkt (Geräteidentifikation) Certified Product (Product Identification) Lizenzentgelte - Einheit License Fee - Unit

PV-Module

Type: 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

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

refer to remarks on page 6

continued on page 5

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



Dipl.-Ing. M. Adrian

Certificate



Zertifikat Nr. Certificate No. PV 60125374

Blatt Page 0005

Ihr Zeichen Client Reference

Unser Zeichen Our Reference 0001--21221521 008

Ausstellungsdatum 13.12.2017

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



Resistance Regular Production Surveillance

www.tuv.com ID 1111214510

Geprüft nach Tested acc. to

IEC 61701:2011 EN 61701:2012

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 SOMERA VSMB.60.AAA.03.04 (AAA=260-315) with 60 cells SOMERA VSMB.54.AAA.03.04 (AAA=235-285) with 54 cells SOMERA VSMB.48.AAA.03.04 (AAA=210-255) with 48 cells SOMERA VSMB.36.AAA.03.04 (AAA=155-190) with 36 cells 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

refer to remarks on page 6

continued on page 6

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

ansinland LG4 A Zertifizierungsgelle

Dipl.-Ing. M. Adrian

Certificate



Zertifikat Nr. Certificate No. PV 60125374 Blatt Page

Ihr Zeichen Client Reference

Unser Zeichen Our Reference 0001--21221521 008 Ausstellungsdatum Date 13.12.2017 (day

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 61701:2011 EN 61701:2012

Zertifiziertes Produkt (Geräteidentifikation)
Certified Product (Product Identification)

Lizenzentgelte - Einheit License Fee - Unit

PV-Module

Remarks:

- Valid in conjunction with TŪV Rheinland certificate acc. to IEC 61215, IEC 61730, and only for the material combination as listed in the above mentioned test report.
- Type designations ELDORA and SOMERA with suffix '.05' represent modules for 1500 VDC max. system voltage.
- Test performed with severity 6 of 6.

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): List of Factories

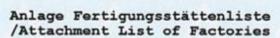
Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.

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.

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 TüvRheinland

Dipl.-Ing. M. Adrian



PV 60125374 0006

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

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

TÜVRheinland

Datum / Date 13.12.2017

Zertifizierungsstelle / Certification Body / TüvRheinland

TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg

1/11/2010 Lottor



भारतीय मानक (उपभोक्ता मामले, खाद्य एवं सार्वजनिक वितरण मंत्रालय, भारत सरकार)

BUREAU OF INDIAN STANDARDS

(Ministry of Consumer Affairs, Food & Public Distribution, Govt. of India)

मानक भवन, 9 बहादर शाह जफ़र मार्ग, नई दिल्ली - 110002 Manak Bhavan, 9 Bahadur Shah Zafar Marg, New Delhi - 110002 दूरभाप/Phone: +91-11-23230856/2323010131/23233375/23239402

ई-मेल/E-mail: registration@bis.gov.in

वेबसाईट/Website: https://bis.gov.in/, https://www.crsbis.in/BIS/

Our Ref: REGISTRATION/CRS 2018-3419/R-51000566

Date:04-01-2019

Inclusion Id: 22004

Subject :Inclusion of Additional Model(s)

MANUFACTURING	Vikram Solar Ltd. (Unit-Ii)	
UNIT:	SEC-II, FALTA SPECIAL ECONOMIC ZONE, FALTA, DISTRICT:	
	SOUTH 24-PARGANAS, P. S.: RAMNAGAR, P. O.: FALTA S.O, WEST	
	BENGAL-743504, INDIA	
	nikhil.agarwal@vikramsolar.com	
	9073673749	
		1



Dear Sir,

- 1. This has reference to your request for inclusion of models of "Crystalline Silicon Terrestrial Photovoltaic (PV) Modules (Si Wafer Based)" as per IS 14286 : 2010/ IEC 61215 : 2005, IS/IEC 61730 (Part 1) : 2004 & IS/IEC 61730 (Part 2) : 2004 in Licence No. R-51000566 already granted to you which is valid upto 27-09-2020.
- 2. It is intimated that the additional Models as per details given below have been agreed to be included in your scope of Licence. R-51000566 w.e.f. 04-01-2019:

Product	Crystalline Silicon Terrestrial Photovoltaic (PV) Modules (Si Wafer Based)
IS No.	IS 14286 : 2010/ IEC 61215 : 2005, IS/IEC 61730 (Part 1) : 2004 & IS/IEC 61730 (Part 2) : 2004
Brand	Vikramsolar
Inclusion of Additional Models (w.e.f. 04-01-2019)	SOMERA VSM.36.175.03.04, SOMERA VSM.48.230.03.04, SOMERA VSM.48.235.03.04, SOMERA VSM.54.260.03.04, SOMERA VSM.54.265.03.04, SOMERA VSM.60.285.03.04, SOMERA VSM.60.285.03.04, SOMERA VSM.60.295.03.04, SOMERA VSM.60.305.03.04, SOMERA VSM.60.315.03.04, SOMERA VSM.60.315.03.04, SOMERA VSM.60.315.03.04, SOMERA VSM.72.342.5.03.04, SOMERA VSM.72.345.03.04, SOMERA VSM.72.347.5.03.04, SOMERA VSM.72.355.03.04, SOMERA VSM.72.355.03.04, SOMERA VSM.72.355.03.04, SOMERA VSM.72.365.03.04, SOMERA VSM.72.365.03.04, SOMERA VSM.72.365.03.04, SOMERA VSM.72.367.5.03.04, SOMERA VSM.72.370.03.04, SOMERA VSM.72.372.503.04, SOMERA VSM.72.372.503.04
Factory Address	SEC-II, FALTA SPECIAL ECONOMIC ZONE, FALTA, DISTRICT: SOUTH 24-PARGANAS, P. S.: RAMNAGAR, P. O.: FALTA S.O, WEST BENGAL-743504, INDIA

- 3. Other terms and conditions of the licence shall remain same.
- 4. This letter is being issued with the approval of competent authority.

Kindly acknowledge receipt of this letter.

Thanking you,

Yours faithfully, (Vinod Kumar)

Sc. C

Telfax: +91-11-23230856 E-mail: registration@bis.org.in

Note: This is a system generated letter. Hence signature is not required. Please do not reply to this mail. To verify authentication of letter, kindly scan the QR code on this letter.



SOP

सत्यमेव जयते

GOVT. OF INDIA MINISTRY OF NEW AND RENEWABLE ENERGY

CERTIFICATE OF EMPANELMENT

CHANNEL PARTNER

AWARDED TO

M/s Vikram Solar Private Limited

Under

SIP

7.5

Grid Connected Rooftop and Small Solar Power Plants Programme

Empanelment Number: MNRE/CP/GCRT/A/1331

Date of Empanelment: 06-07-2015 Valid upto: 06-07-2017



SCAN QR Code

Please verify the authenticity from SPIN in mnre.gov.in

Grid Connected Rooftop and Small Solar Power Plants Programme **Authorized Signatory** Dr. A.K. Tripathi Senior Director

1/11/2010



भारतीय मानक ब्यूरो (उपभोक्ता मामले, खाद्य एवं मार्वजनिक वितरण मंत्रालय, भारत सरकार)

BUREAU OF INDIAN STANDARDS

(Ministry of Consumer Affairs, Food & Public Distribution, Govt. of India)

मानक भवन, 9 बहादुर शाह जफ़र मार्ग, नई दिल्ली – 110002 Manak Bhavan, 9 Bahadur Shah Zafar Marg, New Delhi – 110002 दूरभाप/Phone: +91-11-23230856/2323010131/23233375/23239402

ई-मेल/E-mail: registration@bis.gov.in

वेबसाईट/Website: https://bis.gov.in/, https://www.crsbis.in/BIS/

Our Ref: REGISTRATION/CRS 2018-3419/R-51000566

Date:09-01-2019

Inclusion Id: 21434

Subject :Inclusion of Additional Model(s)

MANUFACTURING UNIT:	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,India-743504 nikhil.agarwal@vikramsolar.com 9073673749	
------------------------	--	--



1. This has reference to your request for inclusion of models of "Crystalline Silicon Terrestrial Photovoltaic (PV) Modules (Si Wafer Based)" as per IS 14286 : 2010/ IEC 61215 : 2005, IS/IEC 61730 (Part 1) : 2004 & IS/IEC 61730 (Part 2) : 2004 in Licence No. R-51000566 already granted to you which is valid upto 27-09-2020.

2. It is intimated that the additional Models as per details given below have been agreed to be included in your scope of Licence. R-51000566 w.e.f. 09-01-2019:

Product	Crystalline Silicon Terrestrial Photovoltaic (PV) Modules (Si Wafer Based)	
IS No.	IS 14286 : 2010/ IEC 61215 : 2005, IS/IEC 61730 (Part 1) : 2004 & IS/IEC 61730 (Part 2) : 2004	
Brand	Vikramsolar	
Inclusion of Additional Models (w.e.f. 09-01-2019)	ELDORA VSP.36.155.03.04, ELDORA VSP.36.160.03.04, ELDORA VSP.36.165.03.04, ELDORA VSP.48.210.03.04, ELDORA VSP.48.215.03.04, ELDORA VSP.48.225.03.04, ELDORA VSP.54.235.03.04, ELDORA VSP.54.245.03.04, ELDORA VSP.54.245.03.04, ELDORA VSP.54.255.03.04, ELDORA VSP.60.260.03.04, ELDORA VSP.60.265.03.04, ELDORA VSP.60.270.03.04, ELDORA VSP.60.270.03.04, ELDORA VSP.60.285.03.04, ELDORA VSP.60.285.03.04, ELDORA VSP.60.290.03.04, ELDORA VSP.72.315.03.04, ELDORA VSP.72.317.5.03.04, ELDORA VSP.72.320.03.04, ELDORA VSP.72.322.5.03.04, ELDORA VSP.72.325.03.04, ELDORA VSP.72.325.03.04, ELDORA VSP.72.335.03.04, ELDORA VSP.72.335.03.04, ELDORA VSP.72.335.03.04, ELDORA VSP.72.337.5.03.04, ELDORA VSP.72.345.03.04, ELDORA VSP.72.345.03.04	
Factory Address	SEC-II, FALTA SPECIAL ECONOMIC ZONE, FALTA, DISTRICT: SOUTH 24-PARGANAS, P. S.: RAMNAGAR, P. O.: FALTA S.O, WEST BENGAL,India-743504	

- 3. Other terms and conditions of the licence shall remain same.
- 4. This letter is being issued with the approval of competent authority. Kindly acknowledge receipt of this letter.

Thanking you,

Yours faithfully, (Mohit Prabhat)

Sc. C

Telfax: +91-11-23230856 E-mail: registration@bis.gov.in

Note: This is a system generated letter. Hence signature is not required. Please do not reply to this mail. To verify authentication of letter, kindly scan the QR code on this letter.