

# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
PV 60135134

Blatt *Blatt*  
0001

Ihr Zeichen *Client Reference*

Unser Zeichen *Our Reference*

Ausstellungsdatum

*Date of Issue*

0001--21170525 021

12.12.2018

(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 1111214196

Geprüft nach *Tested acc. to*

IEC 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

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

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 60135134

Blatt *Blatt*  
0002

Ihr Zeichen *Client Reference*

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Ausstellungsdatum

*Date of Issue*

0001--21170525 021

12.12.2018

(day/mo/yr)

Genehmigungsinhaber *License Holder*

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Kolkata 700107  
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Fertigungsstätte *Manufacturing Plant*

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Prüfzeichen *Test Mark*



IEC 61215  
IEC 61730  
Regular Production  
Surveillance

www.tuv.com  
ID 1111214196

Geprüft nach *Tested acc. to*

IEC 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

continued on page 3

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Zertifizierungsstelle



Dipl.-Ing. M. Adrian



# Zertifikat

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Zertifikat Nr. *Certificate No.*  
PV 60135134

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0003

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Unser Zeichen *Our Reference*

Ausstellungsdatum

*Date of Issue*

0001--21170525 021

12.12.2018

(day/mo/yr)

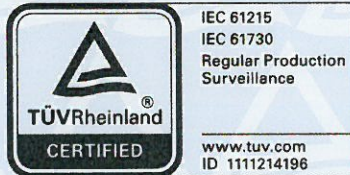
**Genehmigungsinhaber *License Holder***

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1865, Rajdanga Main Road  
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India

**Fertigungsstätte *Manufacturing Plant***

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**Prüfzeichen *Test Mark***



**Geprüft nach *Tested acc. to***

IEC 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

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.

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Zertifizierungsstelle



Dipl.-Ing. M. Adrian



# Zertifikat

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PV 60135134

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0004

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Unser Zeichen *Our Reference*

Ausstellungsdatum

*Date of Issue*

0001--21170525 021

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(day/mo/yr)

Genehmigungsinhaber *License Holder*

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

Fertigungsstätte *Manufacturing Plant*

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Prüfzeichen *Test Mark*



IEC 61215  
IEC 61730  
Regular Production  
Surveillance

www.tuv.com  
ID 1111214196

Geprüft nach *Tested acc. to*

IEC 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 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

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Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
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Zertifizierungsstelle



Dipl.-Ing. M. Adrian



# Zertifikat

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PV 60135134

Blatt *Blatt*  
0005

Ihr Zeichen *Client Reference*

Unser Zeichen *Our Reference*  
0001--21170525 021

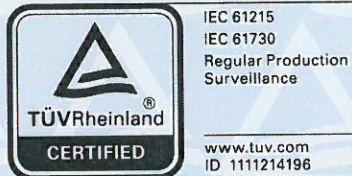
Ausstellungsdatum  
12.12.2018

*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***  
Refer to latest revision  
of the annex list of factories

**Prüfzeichen *Test Mark***



**Geprüft nach *Tested acc. to***

IEC 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

continued on page 6

*Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
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Zertifizierungsstelle



Dipl.-Ing. M. Adrian

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



# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
PV 60135134

Blatt *Blatt*  
0006

Ihr Zeichen *Client Reference*

Unser Zeichen *Our Reference*  
0001--21170525 021

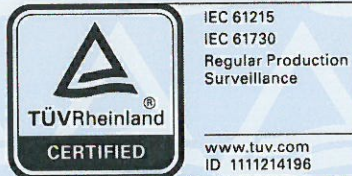
Ausstellungsdatum  
12.12.2018

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(day/mo/yr)

**Genehmigungsinhaber *License Holder***  
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The Chambers, 8th Floor  
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Kolkata 700107  
India

**Fertigungsstätte *Manufacturing Plant***  
Refer to latest revision  
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## Prüfzeichen *Test Mark*



## Geprüft nach *Tested acc. to*

IEC 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

continued on page 7

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
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# Zertifikat

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Zertifikat Nr. *Certificate No.*  
PV 60135134

Blatt *Blatt*  
0007

Ihr Zeichen *Client Reference*

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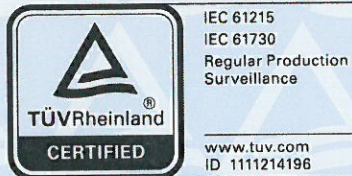
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**Fertigungsstätte *Manufacturing Plant***  
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**Zertifiziertes Produkt (Geräteidentifikation)**  
*Certified Product (Product Identification)*

**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

with 6" poly cells:

ELDORA VSPS.72.AAA.03.04 (AAA=285-350) with 72 cells  
ELDORA VSPSB.72.AAA.03.04 (AAA=285-350) with 72 cells  
ELDORA VSPS.60.AAA.03.04 (AAA=240-293) with 60 cells  
ELDORA VSPSB.60.AAA.03.04 (AAA=240-293) with 60 cells  
ELDORA VSPSBB.60.AAA.03.04 (AAA=240-293) with 60 cells

with 6" mono cells:

SOMERA VSMS.72.AAA.03.04 (AAA=310-380) with 72 cells  
SOMERA VSMSB.72.AAA.03.04 (AAA=310-380) with 72 cells  
SOMERA VSMS.60.AAA.03.04 (AAA=260-315) with 60 cells  
SOMERA VSMSB.60.AAA.03.04 (AAA=260-315) with 60 cells  
SOMERA VSMSBB.60.AAA.03.04 (AAA=260-315) with 60 cells

continued on page 8

AAA represent output power in Wp

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# Zertifikat

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Prüfzeichen *Test Mark*



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Regular Production  
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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.72.AAA.03.04 (AAA=285-350) with 72 cells  
ELDORA VSPSBB.72.AAA.03.04 (AAA=285-350) with 72 cells  
ELDORA VSPS.72.AAA.05 (AAA=285-350) with 72 cells  
ELDORA VSPSB.72.AAA.05 (AAA=285-350) with 72 cells  
ELDORA VSPS.60.AAA.05 (AAA=240-293) with 60 cells  
ELDORA VSPSB.60.AAA.05 (AAA=240-293) with 60 cells

with 6" poly cut cells:

ELDORA VSPH.72.AAA.03.04 (AAA=295-360) with 72 cells  
ELDORA VSPHB.72.AAA.03.04 (AAA=295-360) with 72 cells  
ELDORA VSPHBB.72.AAA.03.04 (AAA=295-360) with 72 cells  
ELDORA VSPH.60.AAA.03.04 (AAA=245-300) with 60 cells  
ELDORA VSPHB.60.AAA.03.04 (AAA=245-300) with 60 cells  
ELDORA VSPHBB.60.AAA.03.04 (AAA=245-300) with 60 cells  
ELDORA VSPH.72.AAA.05 (AAA=295-360) with 72 cells  
ELDORA VSPHB.72.AAA.05 (AAA=295-360) with 72 cells  
ELDORA VSPH.60.AAA.05 (AAA=245-300) with 60 cells  
ELDORA VSPHB.60.AAA.05 (AAA=245-300) with 60 cells

AAA represent output power

continued on page 9

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 60135134

Blatt *Blatt*  
0009

Ihr Zeichen *Client Reference*

Unser Zeichen *Our Reference*

Ausstellungsdatum

*Date of Issue*

0001--21170525 021

12.12.2018

(day/mo/yr)

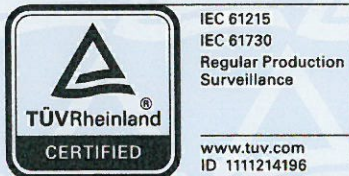
Genehmigungsinhaber *License Holder*

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 61215:2005  
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 VSMBB.72.AAA.03.04 (AAA=310-380) with 72 cells  
SOMERA VSMS.72.AAA.05 (AAA=310-380) with 72 cells  
SOMERA VSMSB.72.AAA.05 (AAA=310-380) with 72 cells  
SOMERA VSMS.60.AAA.05 (AAA=260-315) with 60 cells  
SOMERA VSMSB.60.AAA.05 (AAA=260-315) with 60 cells  
SOMERA VSMBSB.72.AAA.03.04 (AAA=310-380) with 72 cells

with 6" mono cut cells:

SOMERA VSMH.72.AAA.03.04 (AAA=325-400) with 72 cells  
SOMERA VSMHB.72.AAA.03.04 (AAA=325-400) with 72 cells  
SOMERA VSMHBB.72.AAA.03.04 (AAA=325-400) with 72 cells  
SOMERA VSMH.60.AAA.03.04 (AAA=270-330) with 60 cells  
SOMERA VSMHB.60.AAA.03.04 (AAA=270-330) with 60 cells  
SOMERA VSMHBB.60.AAA.03.04 (AAA=270-330) with 60 cells

AAA represent output power

All ranges with type designations are in steps of 1

continued on page 10

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 60135134

Blatt *Blatt*  
0010

Ihr Zeichen *Client Reference*

Unser Zeichen *Our Reference*

Ausstellungsdatum

*Date of Issue*

0001--21170525 021

12.12.2018

(day/mo/yr)

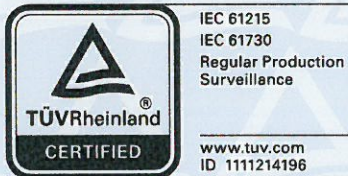
Genehmigungsinhaber *License Holder*

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](http://www.tuv.com)  
ID 1111214196

Geprüft nach *Tested acc. to*

IEC 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

## 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 designation.

The above listed PV modules fulfil the requirements of

- Fire rating class C.
- EN 61215:2005

The mechanical load test of EN IEC 61215:2005 was performed with a load of 5400 Pa.

## 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.

The certificate replaces certificate PV 60125638 page 1 to page 8.

The certificate is valid until 27 April 2021.

*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



TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg

Tel.: +49 221 806-1371 e-mail: [cert-validity@de.tuv.com](mailto:cert-validity@de.tuv.com)

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

Dipl.-Ing. M. Adrian



Anlage Fertigungsstättenliste  
/Attachment List of Factories



PV 60135134 0001

1 Vikram Solar Ltd.  
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 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

  
TÜVRheinland®

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

Datum / Date 12.12.2018

Zertifizierungsstelle  
/ Certification Body



Dipl.-Ing. M. Adrian



# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
PV 60135134

Blatt *Sheet*  
0011

Ihr Zeichen *Client Reference*

Unser Zeichen *Our Reference*

Ausstellungsdatum

*Date of Issue*

0001--21170525 023

30.04.2019

(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*



IEC 61215  
IEC 61730  
Regular Production  
Surveillance

www.tuv.com  
ID 1111214196

Geprüft nach *Tested acc. to*

IEC 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.72.AAA.03.04 (AAA=285-350) with 72 cells  
ELDORA VSPSBB.72.AAA.03.04 (AAA=285-350) with 72 cells  
ELDORA VSPS.72.AAA.05 (AAA=285-350) with 72 cells  
ELDORA VSPSB.72.AAA.05 (AAA=285-350) with 72 cells  
ELDORA VSPS.60.AAA.05 (AAA=240-293) with 60 cells  
ELDORA VSPSB.60.AAA.05 (AAA=240-293) with 60 cells

with 6" poly cut cells:

ELDORA VSPH.72.AAA.03.04 (AAA=295-360) with 144 cells  
ELDORA VSPHB.72.AAA.03.04 (AAA=295-360) with 144 cells  
ELDORA VSPHBB.72.AAA.03.04 (AAA=295-360) with 144 cells  
ELDORA VSPH.60.AAA.03.04 (AAA=245-300) with 120 cells  
ELDORA VSPHB.60.AAA.03.04 (AAA=245-300) with 120 cells  
ELDORA VSPHBB.60.AAA.03.04 (AAA=245-300) with 120 cells  
ELDORA VSPH.72.AAA.05 (AAA=295-360) with 144 cells  
ELDORA VSPHB.72.AAA.05 (AAA=295-360) with 144 cells  
ELDORA VSPH.60.AAA.05 (AAA=245-300) with 120 cells  
ELDORA VSPHB.60.AAA.05 (AAA=245-300) with 120 cells

AAA represent output power in Wp

- This page replaces page 8

continued on page 12

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



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

Dipl.-Ing. M. Adrian



# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
PV 60135134

Blatt *Sheet*  
0012

Ihr Zeichen *Client Reference*

Unser Zeichen *Our Reference*

Ausstellungsdatum

*Date of Issue*

0001--21170525 023

30.04.2019

(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***



IEC 61215  
IEC 61730  
Regular Production  
Surveillance

www.tuv.com  
ID 1111214196

**Geprüft nach *Tested acc. to***

IEC 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 VSMBB.72.AAA.03.04 (AAA=310-380) with 72 cells  
SOMERA VSMS.72.AAA.05 (AAA=310-380) with 72 cells  
SOMERA VSMSB.72.AAA.05 (AAA=310-380) with 72 cells  
SOMERA VSMS.60.AAA.05 (AAA=260-315) with 60 cells  
SOMERA VSMSB.60.AAA.05 (AAA=260-315) with 60 cells  
SOMERA VSMBB.72.AAA.03.04 (AAA=310-380) with 72 cells

with 6" mono cut cells:

SOMERA VSMH.72.AAA.03.04 (AAA=325-400) with 144 cells  
SOMERA VSMHB.72.AAA.03.04 (AAA=325-400) with 144 cells  
SOMERA VSMHBB.72.AAA.03.04 (AAA=325-400) with 144 cells  
SOMERA VSMH.60.AAA.03.04 (AAA=270-330) with 120 cells  
SOMERA VSMHB.60.AAA.03.04 (AAA=270-330) with 120 cells  
SOMERA VSMHBB.60.AAA.03.04 (AAA=270-330) with 120 cells

AAA represent output power in Wp

All ranges with type designations are in steps of 1

- This page replaces page 9

Remarks and Conditions: Refer to page 10

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Das Produkt entspricht den o.g. Anforderungen, die Herstellung wird überwacht.  
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Zertifizierungsstelle



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