

Certificate



Registration No.: PV 60099571

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Report No.: 21221521.002

License Holder:

Vikram Solar Private Limited

Tobacco House, 1 Old Court House Corner
Kolkata 700001
India

Product:

PV Modules

Type:

with 6" poly-crystalline cells:

ELDORA VSP.60.AAA.03 with 228 - 279 Wp, 60 cells
ELDORA VSP.54.AAA.03 with 205 - 250 Wp, 54 cells
ELDORA VSP.48.AAA.03 with 182 - 223 Wp, 48 cells
ELDORA VSP.36.AAA.03 with 137 - 168 Wp, 36 cells

ELDORA VSPB.60.AAA.03 with 228 - 279 Wp, 60 cells
ELDORA VSPB.54.AAA.03 with 205 - 250 Wp, 54 cells
ELDORA VSPB.48.AAA.03 with 182 - 223 Wp, 48 cells
ELDORA VSPB.36.AAA.03 with 137 - 168 Wp, 36 cells

ELDORA VSPBB.60.AAA.03 with 228 - 279 Wp, 60 cells
ELDORA VSPBB.54.AAA.03 with 205 - 250 Wp, 54 cells
ELDORA VSPBB.48.AAA.03 with 182 - 223 Wp, 48 cells
ELDORA VSPBB.36.AAA.03 with 137 - 168 Wp, 36 cells

Manufacturing plant:

Vikram Solar Private Limited
Special Economic Zone, Sector 2, Falta
24 Parganas (South)
West Bengal - 743504
India

Basis:

IEC 61701:2011
EN 61701:2012
"Salt mist corrosion testing of
photovoltaic (PV) modules"

Factory Inspection
To document the consistent quality of
the product factory inspections are
performed periodically



www.tuv.com
ID 0000042921

Remarks:

- Valid in conjunction with TÜV Rheinland certificate acc. to IEC EN 61215 and **only** for the material combination as listed in the above mentioned test report.
- 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.

Certification body



Dipl.-Ing. M. Adrian

Cologne, 30 January 2015

Certificate



Registration No.: PV 60099571

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Report No.: 21221521.003

License Holder:

Vikram Solar Private Limited

Tobacco House, 1 Old Court House Corner
Kolkata 700001
India

Product:

PV Modules

Type:

with 6" poly-crystalline cells:

ELDORA VSP.72.AAA.03 with 275-335 Wp, 72 cells

ELDORA VSPB.72.AAA.03 with 275-335 Wp, 72 cells

Manufacturing plant:

Vikram Solar Private Limited
Special Economic Zone, Sector 2, Falta
24 Parganas (South)
West Bengal - 743504
India

Basis:

IEC 61701:2011
EN 61701:2012
"Salt mist corrosion testing of
photovoltaic (PV) modules"

Factory Inspection
To document the consistent quality of
the product factory inspections are
performed periodically



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ID 0000042921

Remarks:

- Valid in conjunction with TÜV Rheinland certificate acc. to IEC EN 61215, IEC EN 61730 and **only** for the material combination as listed in the above mentioned test report.
- Test performed with **severity 6** of 6.
- Extension to new module types .

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.

Cologne, 28 May 2015

Certification body



Dipl.-Ing. M. Adrian

Certificate

Registration No.: PV 60099571

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Report No.: 21221521.004

License Holder:

Vikram Solar Private Limited

Tobacco House, 1 Old Court House Corner
Kolkata 700001
India

Product:

PV Modules

Type:

with 6" poly - crystalline cells

ELDORA VSP.72.AAA.04 with 300-365 Wp, 72 cells

ELDORA VSP.60.AAA.04 with 250-305 Wp, 60 cells

ELDORA VSP.54.AAA.04 with 225-275 Wp, 54 cells

ELDORA VSP.48.AAA.04 with 200-245 Wp, 48 cells

ELDORA VSP.36.AAA.04 with 150-185 Wp, 36 cells

Manufacturing plant:

Vikram Solar Private Limited
Special Economic Zone, Sector 2, Falta
24 Parganas (South)
West Bengal - 743504
India

ELDORA VSPB.72.AAA.04 with 300-365 Wp, 72 cells

ELDORA VSPB.60.AAA.04 with 250-305 Wp, 60 cells

ELDORA VSPB.54.AAA.04 with 225-275 Wp, 54 cells

ELDORA VSPB.48.AAA.04 with 200-245 Wp, 48 cells

ELDORA VSPB.36.AAA.04 with 150-185 Wp, 36 cells

(AAA represent output power in Wp)

Basis:

IEC 61701:2011
EN 61701:2012
"Salt mist corrosion testing of
photovoltaic (PV) modules"

Factory Inspection
To document the consistent quality of
the product factory inspections are
performed periodically.



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ID 0000042921

Remarks:

- Valid in conjunction with TÜV Rheinland certificate acc. to IEC EN 61215, IEC EN 61730 and **only** for the material combination as listed in the above mentioned test report.
- Test performed with **severity 6** of 6.
- Extension to new module types, and to additional manufacturing plant (see Attachment List of Factories).
- 'AAA' of the PV module type designation is used as placeholder for the module output power, valid for page 1 to 3.

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 is valid until 27 January 2020.

Cologne, 17 December 2015



Dipl.-Ing. M. Adrian

Attachment List of Factories

PV 60099571 0003

- | | | | |
|----|---|----|--|
| 1. | Vikram Solar Private Limited
Special Economic Zone, Sector 2
Falta 24 Parganas (South)
West Bengal - 743504
India | 2. | Vikram Solar Private Limited
FAB-II Special Economic Zone, Sector 2
Falta 24 Parganas (South)
West Bengal - 743504
India |
|----|---|----|--|

Certification body



Cologne, 17 December 2015

Dipl.-Ing. M. Adrian

Certificate



Registration No.: PV 60099571

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Report No.: 21221521.006

License Holder:

Vikram Solar Private Limited

Tobacco House, 1 Old Court House Corner
Kolkata 700001
India

Product:

PV Modules

Type:

with 6" poly - crystalline cells

ELDORA VSP.72.AAA.03.04 (AAA = 285-350 in steps of 1, 72 cells)

ELDORA VSP.60.AAA.03.04 (AAA = 235-290 in steps of 1, 60 cells)

ELDORA VSP.54.AAA.03.04 (AAA = 215-265 in steps of 1, 54 cells)

ELDORA VSP.48.AAA.03.04 (AAA = 190-235 in steps of 1, 48 cells)

ELDORA VSP.36.AAA.03.04 (AAA = 145-175 in steps of 1, 36 cells)

Manufacturing plant:

Vikram Solar Private Limited
Special Economic Zone, Sector 2, Falta
24 Parganas (South)
West Bengal - 743504
India

ELDORA VSPB.72.AAA.03.04 (AAA = 285-350 in steps of 1, 72 cells)

ELDORA VSPB.60.AAA.03.04 (AAA = 235-290 in steps of 1, 60 cells)

ELDORA VSPB.54.AAA.03.04 (AAA = 215-265 in steps of 1, 54 cells)

ELDORA VSPB.48.AAA.03.04 (AAA = 190-235 in steps of 1, 48 cells)

ELDORA VSPB.36.AAA.03.04 (AAA = 145-175 in steps of 1, 36 cells)

ELDORA VSPBB.60.AAA.03.04 (AAA = 235-290 in steps of 1, 60 cells)

ELDORA VSPBB.54.AAA.03.04 (AAA = 215-265 in steps of 1, 54 cells)

ELDORA VSPBB.48.AAA.03.04 (AAA = 190-235 in steps of 1, 48 cells)

ELDORA VSPBB.36.AAA.03.04 (AAA = 145-175 in steps of 1, 36 cells)

AAA represents output power in Wp

Basis:



**IEC 61701:2011
EN 61701:2012**

"Salt mist corrosion testing of
photovoltaic (PV) modules"



Factory Inspection

To document the consistent quality of
the product factory inspections are
performed periodically.



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Remarks:

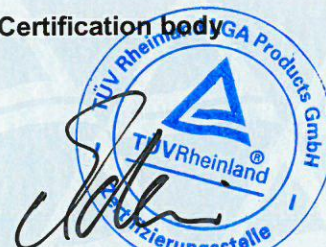
- Valid in conjunction with TÜV Rheinland certificate acc. to IEC EN 61215, IEC EN 61730 and **only** for the material combination as listed in the above mentioned test report.
- Test performed with **severity 6** of 6.
- Extension to new module types

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 is valid until 27 January 2020.

Certification body



Dipl.-Ing. M. Adrian

Cologne, 11 January 2017