

Certificate



Certificate no.

CA 72150867 01

License Holder:

Vikram Solar Pvt. Ltd.
Tobacco House
1 Old Court House Corner
700001 Kolkata, West Bengal
India

Manufacturing Plant:

Vikram Solar Pvt. Ltd.
Falta Sez, Sector - II
24 Parganas (S)
743 504 West Bengal
India

Test report no.: USA- 31580529 001

Client Reference: Manoranjan Khuntia

Tested to: CAN/CSA-C22.2 No. 61730-1:11/08.11
CAN/CSA-C22.2 No. 61730-2:11/08.11

Certified Product: Crystalline Silicon Photovoltaic (PV) Module **License Fee - Units**

Model Designation:

ELDORA VSP.72.AAA.03	(AAA = 275-335),	7
ELDORA VSP.60.AAA.03	(AAA = 225-275),	
ELDORA VSP.54.AAA.03	(AAA = 205-250),	
ELDORA VSP.48.AAA.03	(AAA = 180-220),	
ELDORA VSP.36.AAA.03	(AAA = 135-165),	
ELDORA VSPB.72.AAA.03	(AAA = 275-335),	
ELDORA VSPB.60.AAA.03	(AAA = 225-275),	
ELDORA VSPB.54.AAA.03	(AAA = 205-250),	
ELDORA VSPB.48.AAA.03	(AAA = 180-220),	
ELDORA VSPB.36.AAA.03	(AAA = 135-165)	contd.

Appendix: 1, 1-9

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Licensed Test mark:



Date of Issue
(day/mo/yr)
13/04/2015

Certificate



Certificate no.

CA 72150867 02

License Holder:

Vikram Solar Pvt. Ltd.
Tobacco House
1 Old Court House Corner
700001 Kolkata, West Bengal
India

Manufacturing Plant:

Vikram Solar Pvt. Ltd.
Falta Sez, Sector - II
24 Parganas (S)
743 504 West Bengal
India

Test report no.: USA- 31580529 001

Client Reference: Manoranjan Khuntia

Tested to: CAN/CSA-C22.2 No. 61730-1:11/08.11
CAN/CSA-C22.2 No. 61730-2:11/08.11

Certified Product: Crystalline Silicon Photovoltaic (PV) Module **License Fee - Units**

contd.

Maximum System Voltage: DC 1000V
Fire Safety Class: Class C

Special Remarks: Electrical ratings provided at Standard
Test Condition (STC) - 1000W/m², AM1.5 spectrum, 25°C.
Measured values at STC are within +/-10% of ratings.
Replaces Certificate CA72150696.

Licensed Test mark:

Date of Issue

(day/mo/yr)

13/04/2015



Certificate



Certificate no.

CA 72150867 03

License Holder:

Vikram Solar Pvt. Ltd.
Tobacco House
1 Old Court House Corner
700001 Kolkata, West Bengal
India

Manufacturing Plant:

Vikram Solar Pvt. Ltd.
Falta Sez, Sector - II
24 Parganas (S)
743 504 West Bengal
India

Test report no.: USA- 31580529 002

Client Reference: Vishanth Venkatesh

Tested to: CAN/CSA-C22.2 No. 61730-1:11/08.11
CAN/CSA-C22.2 No. 61730-2:11/08.11

Certified Product: Crystalline Silicon Photovoltaic (PV) Module **License Fee - Units**

Addition:

Model Designation:

ELDORA VSP.72.AAA.04 (AAA = 295-355Wp),
ELDORA VSP.60.AAA.04 (AAA = 245-295Wp),
ELDORA VSP.54.AAA.04 (AAA = 220-265Wp),
ELDORA VSP.48.AAA.04 (AAA = 195-235Wp),
ELDORA VSP.36.AAA.04 (AAA = 150-175Wp),
ELDORA VSPB.72.AAA.04 (AAA = 295-355Wp),
ELDORA VSPB.60.AAA.04 (AAA = 245-295Wp),
ELDORA VSPB.54.AAA.04 (AAA = 220-265Wp),
ELDORA VSPB.48.AAA.04 (AAA = 195-235Wp),
ELDORA VSPB.36.AAA.04 (AAA = 150-175Wp)

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Licensed Test mark:



Date of Issue
(day/mo/yr)
20/01/2016

Certificate



Certificate no.

CA 72150867 04

License Holder:

Vikram Solar Pvt. Ltd.
Tobacco House
1 Old Court House Corner
700001 Kolkata, West Bengal
India

Manufacturing Plant:

Vikram Solar Pvt. Ltd.
Falta Sez, Sector - II
24 Parganas (S)
743 504 West Bengal
India

Test report no.: USA- 31580529 003

Client Reference: Vishanth Venkatesh

Tested to: CAN/CSA-C22.2 No. 61730-1:11/08.11

CAN/CSA-C22.2 No. 61730-2:11/08.11

Certified Product: Crystalline Silicon Photovoltaic (PV) Module **License Fee - Units**

Addition:

Model Designation:

ELDORA VSP.72.AAA.03.04 (AAA = 290-355Wp),
ELDORA VSP.60.AAA.03.04 (AAA = 245-295Wp),
ELDORA VSP.54.AAA.03.04 (AAA = 220-265Wp),
ELDORA VSP.48.AAA.03.04 (AAA = 195-240Wp),
ELDORA VSP.36.AAA.03.04 (AAA = 145-180Wp),
ELDORA VSPB.72.AAA.03.04 (AAA = 290-355Wp),
ELDORA VSPB.60.AAA.03.04 (AAA = 245-295Wp),
ELDORA VSPB.54.AAA.03.04 (AAA = 220-265Wp),
ELDORA VSPB.48.AAA.03.04 (AAA = 195-240Wp),
ELDORA VSPB.36.AAA.03.04 (AAA = 145-180Wp)

Appendix: 1, 1-13

Licensed Test mark:



Date of Issue

(day/mo/yr)

12/04/2017

Date : 12/04/2017

TÜV Rheinland PTL, LLC
1107 West Fairmont Drive, Bldg A
Tempe AZ 85282
USA

Attn: Todd Arends

Re. : CA Canada Certificate

Type of Equipment : Crystalline Silicon Photovoltaic (PV) Module
Model Designation : See Certificate
Certificate No. : CA 72150867 0005
File No. : 31580529 004
Engineer/Contact : Todd Arends
Standard(s) : CAN/CSA-C22.2 No. 61730-1:11
CAN/CSA-C22.2 No. 61730-2:11

Dear Madame or Sir,


Enclosed, please find the additional page No. CA 72150867 0005,
which incorporates the requested changes.

Please forward the original to the license holder.

Call the TUV hotline at 1-TUV-Rheinland (1-888-743-4652)
to get answers for all your compliance needs.

If we can be of any further assistance to you,
please do not hesitate to contact us.

Sincerely yours,
Certification Body


Dipl.-Ing. M. Glagla
QA Certification Officer

Enclosure

TUV Rheinland
of North America, Inc.
North American Headquarters

12 Commerce Road
Newtown, CT 06470

Tel 203-426-0888
Fax 203-426-4009
Toll Free TUV-RHEINLAND
Mail info@tuv.com
Web www.tuv.com

Member of
TÜV Rheinland Group

Date : 12/04/2017

Vikram Solar Ltd.
The Chambers, 8th Floor
1865 Rajdanga Main Road
700107 Kolkata, West Bengal
India
Attn: Manoranjan Khuntia

Re. : CA Canada Certificate

Type of Equipment : Crystalline Silicon Photovoltaic (PV) Module
Model Designation : See Certificate
Certificate No. : CA 72150867 0005
File No. : 31580529 004
Engineer/Contact : Todd Arends
Standard(s) : CAN/CSA-C22.2 No. 61730-1:11
CAN/CSA-C22.2 No. 61730-2:11

Dear Madame or Sir,


Enclosed you will find the additional page of certificate
No. CA 72150867 which incorporates your requested changes.

Please keep this page with your original certificate.

Call the TUV hotline at 1-TUV-Rheinland (1-888-743-4652)
to get answers for all your compliance needs.

If we can be of any further assistance to you,
please do not hesitate to contact us.

Sincerely yours,
Certification Body


Dipl.-Ing. M. Glagla
QA Certification Officer

Enclosure

TUV Rheinland
of North America, Inc.
North American Headquarters

12 Commerce Road
Newtown, CT 06470

Tel 203-426-0888
Fax 203-426-4009
Toll Free TUV-RHEINLAND
Mail info@tuv.com
Web www.tuv.com

Member of
TUV Rheinland Group

Certificate



Certificate no.

CA 72150867 05

License Holder:

Vikram Solar Ltd.
The Chambers, 8th Floor
1865 Rajdanga Main Road
700107 Kolkata, West Bengal
India

Manufacturing Plant:

Vikram Solar Ltd.
Falta Sez, Sector - II
24 Parganas (S)
743 504 West Bengal
India

Test report no.: USA- 31580529 004

Client Reference: Manoranjan Khuntia

Tested to: CAN/CSA-C22.2 No. 61730-1:11/08.11
CAN/CSA-C22.2 No. 61730-2:11/08.11

Certified Product: Crystalline Silicon Photovoltaic (PV) Module **License Fee - Units**

Addition: Model Designation:

SOMERA VSM.72.AAA.05, SOMERA VSMB.72.AAA.05 (AAA=320-390Wp)
SOMERA VSM.60.AAA.05, SOMERA VSMB.60.AAA.05 (AAA=265-325Wp)
SOMERA VSM.54.AAA.05, SOMERA VSMB.54.AAA.05 (AAA=240-290Wp)
SOMERA VSM.48.AAA.05, SOMERA VSMB.48.AAA.05 (AAA=215-260Wp)
SOMERA VSM.36.AAA.05, SOMERA VSMB.36.AAA.05 (AAA=160-195Wp)

All models listed above have 6" Monocrystalline-Si cells.

Maximum System Voltage: DC 1500V

Fire Classification: Type 1

Special Remarks: Electrical ratings are provided at Standard

Test Conditions (STC) 1000W/m², AM1.5 spectrum, 25°C.

Measured values at STC are within +/- 10% of ratings.

Appendix: 1, 1-25

Licensed Test mark:



Date of Issue

(day/mo/yr)

17/11/2017

Certificate



Certificate no.

CA 72150867 06

License Holder:

Vikram Solar Ltd.
The Chambers, 8th Floor
1865 Rajdanga Main Road
700107 Kolkata, West Bengal
India

Manufacturing Plant:

Vikram Solar Ltd.
Falta Sez, Sector - II
24 Parganas (S)
743 504 West Bengal
India

Test report no.: USA- 31580529 004

Client Reference: Manoranjan Khuntia

Tested to: CAN/CSA-C22.2 No. 61730-1:11/08.11
CAN/CSA-C22.2 No. 61730-2:11/08.11

Certified Product: Crystalline Silicon Photovoltaic (PV) Module **License Fee - Units**

Addition: Model Designation:

SOMERA VSM.72.AAA.03.04, VSMB.72.AAA.03.04 (AAA=320-390Wp)
SOMERA VSM.60.AAA.03.04, VSMB.60.AAA.03.04 (AAA=265-325Wp)
SOMERA VSM.54.AAA.03.04, VSMB.54.AAA.03.04 (AAA=240-290Wp)
SOMERA VSM.48.AAA.03.04, VSMB.48.AAA.03.04 (AAA=215-260Wp)
SOMERA VSM.36.AAA.03.04, VSMB.36.AAA.03.04 (AAA=160-195Wp)

All models listed above have 6" Monocrystalline-Si cells.

Maximum System Voltage: DC 1000V

Fire Classification: Type 1

Special Remarks: Electrical ratings are provided at Standard Test Conditions (STC) 1000W/m², AM1.5 spectrum, 25°C.

Measured values at STC are within +/- 10% of ratings.

Licensed Test mark:



Date of Issue

(day/mo/yr)

17/11/2017

Certificate



Certificate no.

CA 72150867 07

License Holder:

Vikram Solar Ltd.
The Chambers, 8th Floor
1865 Rajdanga Main Road
700107 Kolkata, West Bengal
India

Manufacturing Plant:

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24 Parganas (S)
743 504 West Bengal
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Client Reference: Manoranjan Khuntia

Tested to: CAN/CSA-C22.2 No. 61730-1:11/08.11
CAN/CSA-C22.2 No. 61730-2:11/08.11

Certified Product: Crystalline Silicon Photovoltaic (PV) Module **License Fee - Units**

Addition: Model Designation:

ELDORA VSP.72.AAA.05, ELDORA VSPB.72.AAA.05 (AAA=285-350Wp)
ELDORA VSP.60.AAA.05, ELDORA VSPB.60.AAA.05 (AAA=240-290Wp)
ELDORA VSP.54.AAA.05, ELDORA VSPB.54.AAA.05 (AAA=215-260Wp)
ELDORA VSP.48.AAA.05, ELDORA VSPB.48.AAA.05 (AAA=190-230Wp)
ELDORA VSP.36.AAA.05, ELDORA VSPB.36.AAA.05 (AAA=140-175Wp)

All models listed above have 6" Multicrystalline-Si cells.

Maximum System Voltage: DC 1500V

Fire Classification: Type 1

Special Remarks: Electrical ratings are provided at Standard Test Conditions (STC) 1000W/m², AM1.5 spectrum, 25°C.

Measured values at STC are within +/- 10% of ratings.

Licensed Test mark:



Date of Issue

(day/mo/yr)

17/11/2017