

Certificate



Certificate no.

TU 721940013 01

License Holder:

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

Manufacturing Plant(s):

Refer to the latest revision of the List of
Factories (Appendix 2).

Test report no.: USA-319440004.002

Tested to: UL 1703:2002 R9.18

Client Reference: Mr. Manoranjan Khuntia

Certified Product: Photovoltaic Modules

Model Designations:

(with 6" polycrystalline Si cells)

ELDORA VSP.72.AAA.03 with 275-335Wp, 72 cells,
ELDORA VSP.60.AAA.03 with 225-275Wp, 60 cells,
ELDORA VSP.54.AAA.03 with 205-250Wp, 54 cells,
ELDORA VSP.48.AAA.03 with 180-220Wp, 48 cells,
ELDORA VSP.36.AAA.03 with 135-165Wp, 36 cells,

ELDORA VSPB.72.AAA.03 with 275-335Wp, 72 cells,
ELDORA VSPB.60.AAA.03 with 225-275Wp, 60 cells,
ELDORA VSPB.54.AAA.03 with 205-250Wp, 54 cells,
ELDORA VSPB.48.AAA.03 with 180-220Wp, 48 cells,
ELDORA VSPB.36.AAA.03 with 135-165Wp, 36 cells,

ELDORA VSP.72.AAA.04 with 295-355Wp, 72 cells,
ELDORA VSP.60.AAA.04 with 245-295Wp, 60 cells,
ELDORA VSP.54.AAA.04 with 220-265Wp, 54 cells,
ELDORA VSP.48.AAA.04 with 195-235Wp, 48 cells,
ELDORA VSP.36.AAA.04 with 150-175Wp, 36 cells,

ELDORA VSPB.72.AAA.04 with 295-355Wp, 72 cells,
ELDORA VSPB.60.AAA.04 with 245-295Wp, 60 cells,
ELDORA VSPB.54.AAA.04 with 220-265Wp, 54 cells,
ELDORA VSPB.48.AAA.04 with 195-235Wp, 48 cells,
ELDORA VSPB.36.AAA.04 with 150-175Wp, 36 cells,

continued ...

Appendices: 1, 1-34 2, 1

Licensed Test Mark:



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Tested to: UL 1703:2002 R9.18

Client Reference: Mr. Manoranjan Khuntia

Certified Product: Photovoltaic Modules

Model Designations (continued):

(with 6" polycrystalline Si cells)

ELDORA VSP.72.AAA.03.04 w/ 290-355Wp, 72 cells,
ELDORA VSP.60.AAA.03.04 w/ 245-295Wp, 60 cells,
ELDORA VSP.54.AAA.03.04 w/ 220-265Wp, 54 cells,
ELDORA VSP.48.AAA.03.04 w/ 195-240Wp, 48 cells,
ELDORA VSP.36.AAA.03.04 w/ 145-180Wp, 36 cells,

ELDORA VSPB.72.AAA.03.04 w/ 290-355Wp, 72 cells,
ELDORA VSPB.60.AAA.03.04 w/ 245-295Wp, 60 cells,
ELDORA VSPB.54.AAA.03.04 w/ 220-265Wp, 54 cells,
ELDORA VSPB.48.AAA.03.04 w/ 195-240Wp, 48 cells,
ELDORA VSPB.36.AAA.03.04 w/ 145-180Wp, 36 cells,

ELDORA VSP.72.AAA.05 with 285-350Wp, 72 cells,
ELDORA VSP.60.AAA.05 with 240-290Wp, 60 cells,
ELDORA VSP.54.AAA.05 with 215-260Wp, 54 cells,
ELDORA VSP.48.AAA.05 with 190-230Wp, 48 cells,
ELDORA VSP.36.AAA.05 with 140-175Wp, 36 cells,

ELDORA VSPB.72.AAA.05 with 285-350Wp, 72 cells,
ELDORA VSPB.60.AAA.05 with 240-290Wp, 60 cells,
ELDORA VSPB.54.AAA.05 with 215-260Wp, 54 cells,
ELDORA VSPB.48.AAA.05 with 190-230Wp, 48 cells,
ELDORA VSPB.36.AAA.05 with 140-175Wp, 36 cells,

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Test report no.: USA-319440004.002

Tested to: UL 1703:2002 R9.18

Client Reference: Mr. Manoranjan Khuntia

Certified Product: Photovoltaic Modules

Model Designations (continued):

(with 6" monocrystalline Si cells)

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

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

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Tested to: UL 1703:2002 R9.18

Client Reference: Mr. Manoranjan Khuntia

Certified Product: Photovoltaic Modules

Model Designations (continued):

(with 6" polycrystalline Si cells)

ELDORA VSPS.72.AAA.03.04 w/ 325-397Wp, 72 cells,
ELDORA VSPS.60.AAA.03.04 w/ 270-330Wp, 60 cells,
ELDORA VSPSB.72.AAA.03.04 with 325-397Wp, 72 cells,
ELDORA VSPSB.60.AAA.03.04 with 270-330Wp, 60 cells,
ELDORA VSPSBB.72.AAA.03.04 w/ 325-397Wp, 72 cells,
ELDORA VSPSBB.60.AAA.03.04 w/ 270-330Wp, 60 cells,

ELDORA VSPBB.72.AAA.03.04 w/ 290-355Wp, 72 cells,
ELDORA VSPBB.60.AAA.03.04 w/ 245-295Wp, 60 cells,

(with 6" polycrystalline Si half cut cells)

ELDORA VSPH.72.AAA.03.04 w/ 292-357Wp, 144 cells,
ELDORA VSPH.60.AAA.03.04 w/ 243-297Wp, 120 cells,
ELDORA VSPHB.72.AAA.03.04 w/ 292-357Wp, 144 cells,
ELDORA VSPHB.60.AAA.03.04 w/ 243-297Wp, 120 cells,
ELDORA VSPHBB.72.AAA.03.04 w/ 292-357Wp, 144 cells,
ELDORA VSPHBB.60.AAA.03.04 w/ 243-297Wp, 120 cells,

ELDORA VSPH.72.AAA.05 with 292-357Wp, 144 cells,
ELDORA VSPH.60.AAA.05 with 243-297Wp, 120 cells,
ELDORA VSPHB.72.AAA.05 with 292-357Wp, 144 cells,
ELDORA VSPHB.60.AAA.05 with 243-297Wp, 120 cells,

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Test report no.: USA-319440004.002

Tested to: UL 1703:2002 R9.18

Client Reference: Mr. Manoranjan Khuntia

Certified Product: Photovoltaic Modules

Model Designations (continued):

(with 6" monocrystalline Si cells)

SOMERA VSMS.72.AAA.03.04 w/ 325-397Wp, 72 cells,
SOMERA VSMS.60.AAA.03.04 w/ 270-330Wp, 60 cells,
SOMERA VSMSB.72.AAA.03.04 w/ 325-397Wp, 72 cells,
SOMERA VSMSB.60.AAA.03.04 w/ 270-330Wp, 60 cells,
SOMERA VSMSBB.72.AAA.03.04 w/ 325-397Wp, 72 cells,
SOMERA VSMSBB.60.AAA.03.04 w/ 270-330Wp, 60 cells,

SOMERA VSMBB.72.AAA.03.04 w/ 320-390Wp, 72 cells,
SOMERA VSMBB.60.AAA.03.04 w/ 265-325Wp, 60 cells

(with 6" monocrystalline Si half cut cells)

SOMERA VSMH.72.AAA.03.04 with 335-410Wp, 144 cells,
SOMERA VSMH.60.AAA.03.04 with 280-340Wp, 120 cells,
SOMERA VSMHB.72.AAA.03.04 w/ 335-410Wp, 144 cells,
SOMERA VSMHB.60.AAA.03.04 w/ 280-340Wp, 120 cells,
SOMERA VSMHBB.72.AAA.03.04 w/ 335-410Wp, 144 cells,
SOMERA VSMHBB.60.AAA.03.04 w/ 280-340Wp, 120 cells,

SOMERA VSMH.72.AAA.05 w/ 335-410Wp, 144 cells,
SOMERA VSMH.60.AAA.05 w/ 280-340Wp, 120 cells,
SOMERA VSMHB.72.AAA.05 w/ 335-410Wp, 144 cells,
SOMERA VSMHB.60.AAA.05 w/ 280-340Wp, 120 cells

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Certified Product: Photovoltaic Modules

(continued)

	Module Generational Technology			
	Gen3	Gen3+	Gen4	Gen5
Suffix of Model Name	.03	.03.04	.04	.05
Maximum System Voltage	1000	1000	1000	1500
Fire Classification	Type 1	Type 1	Type 2	Type 1

Certificate TU 721940013 replaces certificate TU 721940004.

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

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Appendix – List of Factories

Certificate No.: TU 721940013 01

1. Vikram Solar Limited
SEC-II, Falta, Special Economic Zone
Falta, District: South 24-Parganas,
P. S.: Ramnagar, P. O.: Falta S.O.
Pin: 743504, West Bengal, India

2. Vikram Solar Limited (Unit-II)
SEC-II, Falta, Special Economic Zone
Falta, District: South 24-Parganas,
P. S.: Ramnagar, P. O.: Falta S.O.
Pin: 743504, West Bengal, India

Date:

Original release: 28 June 2019

Revision 1: -

Certification Body

Todd Arends 28 June 2019

Todd Arends, Certification Manager