TÜVRheinland®

Certificate

Registration No.: PV 50264601 Page 1 **Report No.: 12608858 002**

License Holder:
Kyocera Corporation
6 Takeda, Tobadono-cho
Fushimi-ku, Kyoto
612-8501 JAPAN

Manufacturing Plant:
Kyocera Corporation
Mie Ise Plant
600-10 Shimono-cho
Ise-shi, Mie
516-8510 JAPAN

Product:
PV Module
Type: KDxxxGH-4PB, KDxxxGH-yFB, KDxxxGH-yYB
KTxxx-zBC, xxx = 335, 330, 325, 320, 315, 310, 305, 300
y = 2 or 4, z = 8 (80 Cells)
xxx = 250, 245, 240, 235, 230, y = 2 or 4, z = 6 (60 Cells)
xxx = 225, 220, 215, 210, 205, y = 2 or 4, z = 5 (54 Cells)
xxx = 200, 195, 190, 185, 180, y = 2 or 4, z = 4 (48 Cells)
xxx = 150, 145, 140, 135, 130, y = 2 or 4, z = 3 (36 Cells)
KDxxxGH-2PB
xxx = 335, 330, 325, 320, 315, 310, 305, 300 (80 Cells)
xxx = 250, 245, 240, 235, 230 , 225 (60 Cells)
xxx = 220, 215, 210, 205 (54 Cells)
xxx = 200, 195, 190, 185, 180 (48 Cells)
xxx = 150, 145, 140, 135, 130 (36 Cells)
KDxxxGH-yP1B, KDxxxGH-yP1B2
xxx = 250, 245, 240, 235, 230, y = 2 or 4 (60 Cells)
xxx = 225, 220, 215, 210, 205, y = 2 or 4 (54 Cells)

Basis:

☒ **IEC 61730-1:2004**
IEC 61730-2:2004
EN 61730-1:2007
EN 61730-2:2007
"Photovoltaic (PV) module safety qualification"

TÜVRheinland® CERTIFIED
www.tuv.com
ID 0000023299

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

Remarks:
- The above listed PV modules fulfil the requirement of fire rating class C.
- IEC EN 61730 consists of part 1 (Requirements for construction) and part 2 (Requirements for testing).
- 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.**

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 has a validity of 5 years counting from date of issue.

TÜV Rheinland Japan Ltd. TÜVRheinland Certification Body

Certification body

Yokohama, 02 September 2013

Eleanor Lee

TÜVRheinland®

Certificate

Registration No.: PV 50264601 **Report No.: 12608858 002**

License Holder:
Kyocera Corporation
Takeda, Tobadono-cho
Fushimi-ku, Kyoto
612-8501 JAPAN

Manufacturing Plant:
Kyocera Corporation
Mie Ise Plant
600-10 Shimono-cho
Ise-shi, Mie
516-8510 JAPAN

Product:
PV Module
Type: KDxxxGH-yPB2, KDxxxGH-yFB2, KDxxxGH-yYB2
KTxxx-zFC, xxx = 250, 245, 240, 235, 230
y = 2 or 4, z = 6 (60 Cells)
xxx = 225, 220, 215, 210, 205, y = 2 or 4, z = 5 (54 Cells)
xxx = 200, 195, 190, 185, 180, y = 2 or 4, z = 4 (48 Cells)
xxx = 150, 145, 140, 135, 130, y = 2 or 4, z = 3 (36 Cells)
KDxxxGH-yPBS, KDxxxGH-yFBS, KDxxxGH-yYBS
KDxxxGH-yPU, KDxxxGH-yFU, KDxxxGH-yYU
KDxxxGH-yPB-KH, KDxxxGH-yPBS-KH
KDxxxGH-yPU-KH, KTxxx-zAC, KTxxx-zUC
xxx = 225, 220, 215, 210, 205, y = 2 or 4, z = 5 (54 Cells)
xxx = 200, 195, 190, 185, 180, y = 2 or 4, z = 4 (48 Cells)
xxx = 150, 145, 140, 135, 130, y = 2 or 4, z = 3 (36 Cells)
KDxxxGH-yP1U
xxx = 225, 220, 215, 210, 205, y = 2 or 4 (54 Cells)

Basis:

☒ **IEC 61730-1:2004**
IEC 61730-2:2004
EN 61730-1:2007
EN 61730-2:2007
"Photovoltaic (PV) module safety qualification"

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ID 0000023299

☒ **Factory Inspection**
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Remarks:
- The above listed PV modules fulfil the requirement of fire rating class C.
- IEC EN 61730 consists of part 1 (Requirements for construction) and part 2 (Requirements for testing).
- 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.**

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 for 5 years from the date of issue stated on page 1.

TÜV Rheinland Japan Ltd. TÜVRheinland Certification Body

Certification body

Yokohama, 02 September 2013

Eleanor Lee

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Certificate

Registration No.: PV 50264601 **Report No.: 12608858 002**

License Holder:
Kyocera Corporation
6 Takeda, Tobadono-cho
Fushimi-ku, Kyoto
612-8501 JAPAN

Product:
PV Module
Type: refer to the preceding certificate pages

Manufacturing Plant:
Kyocera (Tianjin) Solar Energy Co., Ltd.
11 XiangAn Road
Tianjin Economic-Technological
Development Area, Tianjin
300457 P.R. China

Basis:

☒ **IEC 61730-1:2004**
IEC 61730-2:2004
EN 61730-1:2007
EN 61730-2:2007
"Photovoltaic (PV) module safety qualification"

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www.tuv.com
ID 0000023299

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

Remarks:
- The above listed PV modules fulfil the requirement of fire rating class C.
- IEC EN 61730 consists of part 1 (Requirements for construction) and part 2 (Requirements for testing).
- 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.**

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 for 5 years from the date of issue stated on page 1.

TÜV Rheinland Japan Ltd. TÜVRheinland Certification Body

Certification body

Yokohama, 02 September 2013

Eleanor Lee

TÜVRheinland®

Certificate

Registration No.: PV 50264601 **Report No.: 12608858 002**

License Holder:
Kyocera Corporation
6 Takeda, Tobadono-cho
Fushimi-ku, Kyoto
612-8501 JAPAN

Product:
PV Module
Type: refer to the preceding certificate pages

Manufacturing Plant:
KYOCERA Solar Europe S. R. O.
Kralovsky Vrch 1977
43201 Kadan
Czech Republic

Basis:

☒ **IEC 61730-1:2004**
IEC 61730-2:2004
EN 61730-1:2007
EN 61730-2:2007
"Photovoltaic (PV) module safety qualification"

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ID 0000023299

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

Remarks:
- The above listed PV modules fulfil the requirement of fire rating class C.
- IEC EN 61730 consists of part 1 (Requirements for construction) and part 2 (Requirements for testing).
- 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.**

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 for 5 years from the date of issue stated on page 1.

TÜV Rheinland Japan Ltd. TÜVRheinland Certification Body

Certification body

Yokohama, 02 September 2013

Eleanor Lee

TÜVRheinland®

Certificate

Registration No.: PV 50264601 **Report No.: 12608858 002**

License Holder:
Kyocera Corporation
6 Takeda, Tobadono-cho
Fushimi-ku, Kyoto
612-8501 JAPAN

Product:
PV Module
Type: refer to the preceding certificate pages

Manufacturing Plant:
KYOCERA MEXICANA, S.A. DE C.V.
BLVD. BUENA VISTA OTAY No.2055
OTAY UNIVERSIDAD 22427
TIJUANA, B.C. MEXICO

Basis:

☒ **IEC 61730-1:2004**
IEC 61730-2:2004
EN 61730-1:2007
EN 61730-2:2007
"Photovoltaic (PV) module safety qualification"

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ID 0000023299

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

Remarks:
- The above listed PV modules fulfil the requirement of fire rating class C.
- IEC EN 61730 consists of part 1 (Requirements for construction) and part 2 (Requirements for testing).
- 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.**

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 for 5 years from the date of issue stated on page 1.

TÜV Rheinland Japan Ltd. TÜVRheinland® Certification Body

Certification body

Eleanor Lee

Yokohama, 02 September 2013

TÜVRheinland®

Certificate

Registration No.: PV 50264601 Page 7 **Report No.: 12608858 004**

License Holder:
Kyocera Corporation
6 Takeda, Tobadono-cho
Fushimi-ku, Kyoto
612-8501 JAPAN

Manufacturing Plant:
Kyocera Corporation
Mie Ise Plant
600-10 Shimono-cho
Ise-shi, Mie
516-8510 JAPAN

Product:
PV Module
Addition
Type:
KDxxxSX-1PU, KDxxxSX-1PBS, KDxxxSX-1PB,
KDxxxSX-1FU, KDxxxSX-1FBS, KDxxxSX-1FB,
KDxxxSX-1YU, KDxxxSX-1YBS, KDxxxSX-1YB
KTxxx-3UD, KTxxx-3AD, KTxxx-3BD
xxx = 130, 135, 140, 145, 150 (36 Cells)

KD255GH-4YB2, KD255GH-4FB2 (60 Cells)

Basis:

☒ **IEC 61730-1:2004**
IEC 61730-2:2004
EN 61730-1:2007
EN 61730-2:2007
"Photovoltaic (PV) module safety qualification"

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ID 0000023299

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

Remarks:
- The above listed PV modules fulfil the requirement of fire rating class C.
- IEC EN 61730 consists of part 1 (Requirements for construction) and part 2 (Requirements for testing).
- 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 **750 VDC**, except for KD255GH-4YB2, KD255GH-4FB2 with maximum system voltage up to **1000 VDC**.
- For associated manufacturing plants, refer to the preceding certificate pages.

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 for 5 years from the date of issue stated on page 1.

TÜV Rheinland Japan Ltd. TÜVRheinland Certification Body

Certification body

Yokohama, 01 January 2014

Eleanor Lee