

Certificate

Registration No.: PV 60022844

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Report No.: 21207991-2

License Holder:

Kyocera Corporation

6 Takeda Tobadonocho
Fushimi-ku, Kyoto 612-8501
Japan

Manufacturing Plant:

Kyocera Corporation
Mie Ise Plant
600-10 Shimono-Cho
Ise, Mie 516-8510
Japan

Product:

PV Modules

Type:

KD135SX-1U; KD133SX-1U; KD132SX-1U; KD130SX-1U;
KD95SX-1; KD90SX-1; KD85SX-1; KD80SE-1;
KD75SE-1; KD70SE-1; KD70SX-1; KD65SX-1; KD60SX-1;
KD55SX-1; KD55SE-1; KD50SE-1A; KD50SE-1;
KD50SX-1; KD45SX-1; KD40SX-1;
KD135SX-1PU; KD133SX-1PU; KD132SX-1PU;
KD130SX-1PU;
KD95SX-1P; KD90SX-1P; KD85SX-1P; KD80SE-1P;
KD75SE-1P; KD70SE-1P; KD70SX-1P; KD65SX-1P;
KD60SX-1P; KD55SX-1P; KD55SE-1P; KD50SE-1AP;
KD50SE-1P; KD50SX-1P; KD45SX-1P; KD40SX-1P.

Basis:

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

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



- Qualified, IEC 61215
- Safety tested, IEC 61730
- Periodic Inspection

Remarks:

- 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**.
- The fire test (IEC 61730-2 / MST 23) was not performed.
- The details of the factory inspection are documented in report no. 21210176.

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 26 September 2013.

Cologne, 2 October 2008



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Report No.: 21207991-2

License Holder:

Kyocera Corporation

6 Takeda Tobadonocho
Fushimi-ku, Kyoto 612-8501
Japan

Manufacturing Plant:

Kyocera (Tianjin) Solar Energy Co., Ltd.
16 Xiangnan Road; TEDA
Tianjin 300457
China

Product:

PV Modules

Type:

KD135SX-1U; KD133SX-1U; KD132SX-1U; KD130SX-1U;
KD95SX-1; KD90SX-1; KD85SX-1; KD80SE-1;
KD75SE-1; KD70SE-1; KD70SX-1; KD65SX-1; KD60SX-1;
KD55SX-1; KD55SE-1; KD50SE-1A; KD50SE-1;
KD50SX-1; KD45SX-1; KD40SX-1;
KD135SX-1PU; KD133SX-1PU; KD132SX-1PU;
KD130SX-1PU;
KD95SX-1P; KD90SX-1P; KD85SX-1P; KD80SE-1P;
KD75SE-1P; KD70SE-1P; KD70SX-1P; KD65SX-1P;
KD60SX-1P; KD55SX-1P; KD55SE-1P; KD50SE-1AP;
KD50SE-1P; KD50SX-1P; KD45SX-1P; KD40SX-1P.

Basis:

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

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



- Qualified, IEC 61215
- Safety tested,
IEC 61730
- Periodic Inspection

Remarks:

- 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**.
- The fire test (IEC 61730-2 / MST 23) was not performed.
- The details of the factory inspection are documented in report no. 21210177.

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 26 September 2013.

Cologne, 2 October 2008



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License Holder:

Kyocera Corporation

6 Takeda Tobadonocho
Fushimi-ku, Kyoto 612-8501
Japan

Manufacturing Plant:

Kyocera Solar Europe s.r.o.
Kralovsky Vrch 1977
43201 Kadan
Czech Republic

Product:

PV Modules

Type:

KD135SX-1U; KD133SX-1U; KD132SX-1U; KD130SX-1U;
KD95SX-1; KD90SX-1; KD85SX-1; KD80SE-1;
KD75SE-1; KD70SE-1; KD70SX-1; KD65SX-1; KD60SX-1;
KD55SX-1; KD55SE-1; KD50SE-1A; KD50SE-1;
KD50SX-1; KD45SX-1; KD40SX-1;
KD135SX-1PU; KD133SX-1PU; KD132SX-1PU;
KD130SX-1PU;
KD95SX-1P; KD90SX-1P; KD85SX-1P; KD80SE-1P;
KD75SE-1P; KD70SE-1P; KD70SX-1P; KD65SX-1P;
KD60SX-1P; KD55SX-1P; KD55SE-1P; KD50SE-1AP;
KD50SE-1P; KD50SX-1P; KD45SX-1P; KD40SX-1P.

Basis:

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

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



- Qualified, IEC 61215
- Safety tested, IEC 61730
- Periodic Inspection

Remarks:

- 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.
- The fire test (IEC 61730-2 / MST 23) was not performed.
- The details of the factory inspection are documented in report no. 21207674.

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 26 September 2013.

Cologne, 2 October 2008



Dipl.-Ing. M. Adrian