

# 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



# Certificate

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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

  
Certification body  
Dipl.-Ing. M. Adrian

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Report No.: 21207991-2

**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:**

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**The certificate is valid until 26 September 2013.**

Cologne, 2 October 2008

