

# Certificate

Registration No.: PV 50137353

Page 1

Report No.: 12604646 002

**License Holder:**

**Kyocera Corporation**

6 Takeda, Tobadono-cho  
Fushimi-ku, Kyoto  
612-8501 JAPAN

**Product:**

PV Module

Type: KD130GH-2PU  
KD135GH-2PU  
KD180GH-2PU  
KD205GH-2PU  
KD210GH-2PU  
KD130GH-2U  
KD135GH-2U  
KD180GH-2U  
KD205GH-2U  
KD210GH-2U

**Manufacturing Plant:**

**Kyocera Corporation**

**Mie Ise Plant**

600-10 Shimono-cho  
Ise-shi, Mie  
516-8510 JAPAN

**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 **1000 VDC**.
- The fire test (IEC 61730-2 / MST 23) was not performed.
- The details of the factory inspection are documented in report no. 12605118 001

**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.**



**Certification body**



Dipl.-Ing. S. Hartter

Yokohama, 11 September 2008

# Certificate

Registration No.: PV 50137353

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Report No.: 12604646 002

**License Holder:**

**Kyocera Corporation**

6 Takeda, Tobadono-cho  
Fushimi-ku, Kyoto  
612-8501 JAPAN

**Product:**

PV Module

Type: KD130GH-2PU  
KD135GH-2PU  
KD180GH-2PU  
KD205GH-2PU  
KD210GH-2PU  
KD130GH-2U  
KD135GH-2U  
KD180GH-2U  
KD205GH-2U  
KD210GH-2U

**Manufacturing Plant:**

**Kyocera (Tianjin) Solar Energy Co., Ltd.**

Tianjin Economic-Technological Development Area  
16 XiangAn Road (5<sup>th</sup> Avenue)  
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"

- 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 **1000 VDC**.
- The fire test (IEC 61730-2 / MST 23) was not performed.
- The details of the factory inspection are documented in report no. 12605119 001

**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.**



**Certification body**



Dipl.-Ing. S. Hartter

Yokohama, 11 September 2008

TÜV Rheinland Japan Ltd. – Yokohama 222-0033, Japan

# Certificate

Registration No.: PV 50137353

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Report No.: 12604646 002

**License Holder:**

**Kyocera Corporation**

6 Takeda, Tobadono-cho  
Fushimi-ku, Kyoto  
612-8501 JAPAN

**Product:**

**PV Module**

Type: KD130GH-2PU  
KD135GH-2PU  
KD180GH-2PU  
KD205GH-2PU  
KD210GH-2PU  
KD130GH-2U  
KD135GH-2U  
KD180GH-2U  
KD205GH-2U  
KD210GH-2U

**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"

- 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 **1000 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 has a validity of 5 years counting from date of issue.**



**Certification body**



Dipl.-Ing. S. Hartter

Yokohama, 11 September 2008

TÜV Rheinland Japan Ltd. – Yokohama 222-0033, Japan

# Certificate

Registration No.: PV 50137353

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Report No.: 12604646 002

**License Holder:**

**Kyocera Corporation**  
6 Takeda, Tobadono-cho  
Fushimi-ku, Kyoto  
612-8501 JAPAN

**Product:**

PV Module  
Type: KD130GH-2PU  
KD135GH-2PU  
KD180GH-2PU  
KD205GH-2PU  
KD210GH-2PU  
KD130GH-2U  
KD135GH-2U  
KD180GH-2U  
KD205GH-2U  
KD210GH-2U

**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"

- 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 1000 VDC.
- The fire test (IEC 61730-2 / MST 23) was not performed.
- The details of the factory inspection are documented in report no. 12605186 001.

**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.**



Certification body



Dipl.-Ing. S. Hartter

Yokohama, 15 October 2008

# Certificate

Registration No.: PV 50137353

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Report No.: 12604646 004

**License Holder:**

**Kyocera Corporation**  
6 Takeda, Tobadono-cho  
Fushimi-ku, Kyoto  
612-8501 JAPAN

**Product:**

PV Module

Addition

Type: KD185GH-2PU  
KD185GH-2U

**Manufacturing Plant:**

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

**Basis:**

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



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

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

**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 **1000 VDC**.
- The fire test (IEC 61730-2 / MST 23) was not performed.
- For associated factories, refer to the preceding certificate pages.
- Additional type designations see above.

**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.**



**Certification body**

  
Dipl.-Ing. W. Herlitschke

Yokohama, 5 March 2009

TÜV Rheinland Japan Ltd. – Yokohama 222-0033, Japan

# Certificate

Registration No.: PV 50137353

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Report No.: 12604646 006

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

**Product:**  
PV Module

Addition

Type: KD140GH-2PU  
KD215GH-2PU  
KD140GH-2U  
KD215GH-2U

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

**Basis:**

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



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

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

**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 **1000 VDC**.
- The fire test (IEC 61730-2 / MST 23) was not performed.
- The details of the factory inspection are documented in report no. 21210176.
- For associated factories, refer to the preceding certificate pages.
- Additional type designations see above.

**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.**



**Certification body**



Dipl.-Ing. S. Hartter

Yokohama, 22 July 2009

# Certificate

Registration No.: PV 50137353

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Report No.: 12604646 008

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

**Product:**  
PV Module

Addition

Type: KDxxxGH-2B  
KDxxxGH-2PB

xxx= 225, 230, 235 or 240

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

## Basis:

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



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

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

## 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 **1000 VDC**.
- The fire test (IEC 61730-2 / MST 23) was not performed.
- The details of the factory inspection are documented in report no. 12605118.
- For associated factories, refer to the preceding certificate pages.
- Additional type designations see above.

## 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.**



Certification body



Dipl.-Ing. S. Hartter

Yokohama, 5 November 2009