

Certificate

Registration No.: PV 50172247

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Report No.: 12606102 001

License Holder:

Canadian Solar Inc.

650 Riverbend Drive, Suite B
Kitchener, Ontario, N2K 3S2
Canada

Product:

PV Module

Type: CS5A-xxxM

xxx = 155, 160, 165, 170, 175, 180 or 185

Manufacturing Plant:

Changshu CSI Advanced Solar Inc.

Changsheng Road, Yangyuan
Xinzhuang Industrial Park, Changshu City
Jiangsu Province 215562, P.R. China

Basis:

- IEC 61215:2005**
EN 61215:2005
"Crystalline silicon terrestrial photovoltaic (PV) modules - Design qualification and type approval"

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



- **Periodic inspection**
- **Qualified, IEC 61215**
- **Safety tested, IEC 61730**

Remarks:

- The details of the factory inspection are documented in report no. 15035499.
- Mechanical load at 5400 Pa has been performed.

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.



Yokohama, 27 January 2010

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

Certification body



Dipl.-Ing. W. Herlitschke

Certificate

Registration No.: PV 50172249

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Report No.: 12606102 002

License Holder:

Canadian Solar Inc.
650 Riverbend Drive, Suite B
Kitchener, Ontario, N2K 3S2
Canada

Product:

PV Module
Type: CS5A-xxxM

xxx = 155, 160, 165, 170, 175, 180 or 185

Manufacturing Plant:

Changshu CSI Advanced Solar Inc.
Changsheng Road, Yangyuan
Xinzhuang Industrial Park, Changshu City
Jiangsu Province 215562, 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.



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

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. 15035499.

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


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