

Certificate

Registration No.: PV 50158720

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Report No.: 12605126 011

License Holder:

Du Pont Apollo Limited

Units 501-509, West Wing, Lakeside 1 Building
No.8 Science Park West Avenue
Hong Kong Science Park, Pak Shek Kok, N.T.
Hong Kong

Product:

PV Module

Addition

Type: DAxxx-C1

xxx = integer between 117 and 143

Manufacturing Plant:

Du Pont Apollo Limited

Units G01-G03, G05, 101-103, 105, West Wing,
Lakeside 1 Building, No.8 Science Park
West Avenue Hong Kong Science Park,
Pak Shek Kok, N.T.
Hong Kong

Basis:

IEC 61646:2008
EN 61646:2008
"Thin-film 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 61646**
- **Safety tested, IEC 61730**

Remarks:

- Additional type designations see above.
- The details of the factory inspection are documented in report no. 12605984.
- For associated manufacturing plants, refer to the preceding certificate page.

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, 19 August 2010

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

Certificate

Registration No.: PV50158722

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Report No.: 12605126 012

License Holder:

Du Pont Apollo Limited

Units 501-509, West Wing, Lakeside 1 Building
No.8 Science Park West Avenue
Hong Kong Science Park, Pak Shek Kok, N.T.
Hong Kong

Product:

PV Module

Addition

Type: DAxxx-C1

xxx = integer between 117 and 143

Manufacturing Plant:

Du Pont Apollo Limited

Units G01-G03, G05, 101-103, 105, West Wing,
Lakeside 1 Building, No.8 Science Park
West Avenue Hong Kong Science Park,
Pak Shek Kok, N.T.
Hong Kong

Basis:

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



- Periodic inspection
- Qualified, IEC 61646
- Safety tested, IEC 61730

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

Remarks:

- Additional type designations see above.
- 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. 12605984.
- For associated manufacturing plants, refer to the preceding certificate page.

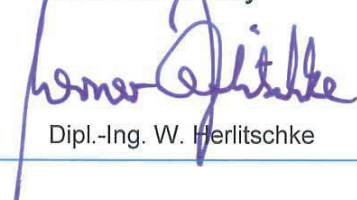
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