

Certificate

Registration No.: PV 50254250

Page 1

Report No.: 15060470.001

License Holder:

Hanwha SolarOne (Qidong) Co., Ltd.
No. 888 Linyang Road,
Qidong City, Jiangsu Province 226200,
P. R. China

Manufacturing Plant:

Hanwha SolarOne (Qidong) Co., Ltd.
No. 888 Linyang Road,
Qidong City, Jiangsu Province 226200,
P. R. China

Product:

PV Modules

Type:

With 6" mono c-Si cell:

SF260-36-1Mxxx (xxx=260-295, in steps of 5, 72 cells)
SF220-30-1Mxxx (xxx=200-255, in steps of 5, 60 cells)
SF190-27-1Mxxx (xxx=170-225, in steps of 5, 54 cells)
SF260-36-1MxxxL (xxx=260-335, in steps of 5, 72 cells)
SF220-30-1MxxxL (xxx=200-275, in steps of 5, 60 cells)
HSL72M6-HA-1-xxx, HSL72M6-HA-1-xxxB,
HSL72M6-HA-1-xxxW, HSL72M6-HA-1-xxxE,
HSL72M6-HB-1-xxx, HSL72M6-HB-1-xxxB,
HSL72M6-HB-1-xxxW, HSL72M6-HB-1-xxxE
(xxx=260-335, in steps of 5, 72 cells)
HSL60M6-HA-1-xxx, HSL60M6-HA-1-xxxB,
HSL60M6-HA-1-xxxW, HSL60M6-HA-1-xxxE,
HSL60M6-HB-1-xxx, HSL60M6-HB-1-xxxB,
HSL60M6-HB-1-xxxW, HSL60M6-HB-1-xxxE
(xxx=200-275, in steps of 5, 60 cells)

Continued on page 2

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.



www.tuv.com
ID 0000022834

Remarks:

- Valid in conjunction with TÜV Rheinland certificate PV 50254253 Page 1.

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 the date of issue.

07 May 2013

Certification body

Dipl.-Ing. Bernd Scheire



Certificate

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Report No.: 15060470.001

License Holder:

Hanwha SolarOne (Qidong) Co., Ltd.
No. 888 Linyang Road,
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P. R. China

Product:

PV Modules

Type:

Continuation of page 1

HSL48M6-HA-1-xxx, HSL48M6-HA-1-xxxB,
HSL48M6-HA-1-xxxW, HSL48M6-HA-1-xxxE,
HSL48M6-HB-1-xxx, HSL48M6-HB-1-xxxB,
HSL48M6-HB-1-xxxW, HSL48M6-HB-1-xxxE
(xxx=190-220, in steps of 5, 48 cells)

HSL42M6-HA-1-xxx, HSL42M6-HA-1-xxxB,
HSL42M6-HA-1-xxxW, HSL42M6-HA-1-xxxE,
HSL42M6-HB-1-xxx, HSL42M6-HB-1-xxxB,
HSL42M6-HB-1-xxxW, HSL42M6-HB-1-xxxE
(xxx=165-195, in steps of 5, 42 cells)

HSL36M6-HA-1-xxx, HSL36M6-HA-1-xxxB,
HSL36M6-HA-1-xxxW, HSL36M6-HA-1-xxxE,
HSL36M6-HB-1-xxx, HSL36M6-HB-1-xxxB,
HSL36M6-HB-1-xxxW, HSL36M6-HB-1-xxxE
(xxx=140-165, in steps of 5, 36 cells)

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Manufacturing Plant:

Hanwha SolarOne (Qidong) Co., Ltd.
No. 888 Linyang Road,
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P. R. China

Basis:



IEC 61215:2005

EN 61215:2005

"Crystalline silicon terrestrial
photovoltaic (PV) modules - Design
qualification and type approval"



Factory Inspection

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ID 0000022834

Remarks:

- Valid in conjunction with TÜV Rheinland certificate PV 50254253 Page 1 - 2.

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 06 May 2018.

07 May 2013

Certification body

Dipl.-Ing. Bernd Scheiner



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Product:

PV Modules

Type:

Continuation of page 2

With 6" poly c-Si cell:

SF260-36-1Pxxx (xxx=250-300, in steps of 5, 72 cells)

SF220-30-1Pxxx (xxx=200-255, in steps of 5, 60 cells)

SF190-27-1Pxxx (xxx=170-225, in steps of 5, 54 cells)

SF260-36-1PxxxL, SF260-36-1PxxxE

(xxx=250-325, in steps of 5, 72 cells)

SF220-30-1PxxxL, SF220-30-1PxxxE

(xxx=200-270, in steps of 5, 60 cells)

SF190-27-1PxxxL, SF190-27-1PxxxE

(xxx=170-245, in steps of 5, 54 cells)

HSL72P6-PA-1-xxx, HSL72P6-PA-1-xxxB,

HSL72P6-PA-1-xxxW, HSL72P6-PA-1-xxxE,

HSL72P6-PB-1-xxx, HSL72P6-PB-1-xxxB,

HSL72P6-PB-1-xxxW, HSL72P6-PB-1-xxxE

(xxx=250-325, in steps of 5, 72 cells)

Continued on page 4

Basis:


IEC 61215:2005

EN 61215:2005

"Crystalline silicon terrestrial
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Remarks:

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Conditions:

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The certificate is valid until 06 May 2018.

07 May 2013

Certification body

Dipl.-Ing. Bernd Scheerer



TÜV Rheinland LGA Products GmbH, Tillystrasse 2, 90431 Nürnberg, Germany / Contact: + 49 221 806 2477 email: eneratest@de.tuv.com

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P. R. China

Product:

PV Modules

Type:

Continuation of page 3

HSL60P6-PA-1-xxx, HSL60P6-PA-1-xxxB,
HSL60P6-PA-1-xxxW, HSL60P6-PA-1-xxxE,
HSL60P6-PB-1-xxx, HSL60P6-PB-1-xxxB,
HSL60P6-PB-1-xxxW, HSL60P6-PB-1-xxxE
(xxx=200-270, in steps of 5, 60 cells)

HSL54P6-PA-1-xxx, HSL54P6-PA-1-xxxB,
HSL54P6-PA-1-xxxW, HSL54P6-PA-1-xxxE,
HSL54P6-PB-1-xxx, HSL54P6-PB-1-xxxB,
HSL54P6-PB-1-xxxW, HSL54P6-PB-1-xxxE
(xxx=170-245, in steps of 5, 54 cells)

HSL48P6-PA-1-xxx, HSL48P6-PA-1-xxxB,
HSL48P6-PA-1-xxxW, HSL48P6-PA-1-xxxE,
HSL48P6-PB-1-xxx, HSL48P6-PB-1-xxxB,
HSL48P6-PB-1-xxxW, HSL48P6-PB-1-xxxE
(xxx=190-215, in steps of 5, 48 cells)

Continued on page 5

Basis:



IEC 61215:2005
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Remarks:

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Conditions:

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07 May 2013

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P. R. China

Product:

PV Modules

Type:

Continuation of page 4

HSL42P6-PA-1-xxx, HSL42P6-PA-1-xxxB,
HSL42P6-PA-1-xxxW, HSL42P6-PA-1-xxxE,
HSL42P6-PB-1-xxx, HSL42P6-PB-1-xxxB,
HSL42P6-PB-1-xxxW, HSL42P6-PB-1-xxxE
(xxx=165-190, in steps of 5, 42 cells)

HSL36P6-PA-1-xxx, HSL36P6-PA-1-xxxB,
HSL36P6-PA-1-xxxW, HSL36P6-PA-1-xxxE,
HSL36P6-PB-1-xxx, HSL36P6-PB-1-xxxB,
HSL36P6-PB-1-xxxW, HSL36P6-PB-1-xxxE
(xxx=140-160, in steps of 5, 36 cells)

HSL72P6-PA-2-xxx, HSL72P6-PB-2-xxx
(xxx=250-300, in steps of 5, 72 cells)

HSL60P6-PA-2-xxx, HSL60P6-PB-2-xxx
(xxx=200-255, in steps of 5, 60 cells)

HSL54P6-PA-2-xxx, HSL54P6-PB-2-xxx
(xxx=170-225, in steps of 5, 54 cells)

Continued on page 6

Basis:



IEC 61215:2005

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Remarks:

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Conditions:

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P. R. China

Product:

PV Modules

Type:

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With 6" quasi-mono c-Si cell:

HSL72Q6-HA-1-xxx, HSL72Q6-HA-1-xxxB,
HSL72Q6-HA-1-xxxW (xxx=290, 295, 72 cells)
HSL60Q6-HA-1-xxx, HSL60Q6-HA-1-xxxB,
HSL60Q6-HA-1-xxxW (xxx=240, 245, 60 cells)
HSL48Q6-HA-1-xxx, HSL48Q6-HA-1-xxxB,
HSL48Q6-HA-1-xxxW (xxx=195, 200, 48 cells)
HSL42Q6-HA-1-xxx, HSL42Q6-HA-1-xxxB,
HSL42Q6-HA-1-xxxW (xxx=170, 175, 42 cells)
HSL36Q6-HA-1-xxx, HSL36Q6-HA-1-xxxB,
HSL36Q6-HA-1-xxxW (xxx=145, 150, 36 cells)

Basis:



IEC 61215:2005
EN 61215:2005

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Remarks:

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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 06 May 2018.

07 May 2013

Certification body



Dipl.-Ing. Bernd Scheirer

Certificate

Registration No.: PV 50254250

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Report No.: 15060470.006

License Holder:

Hanwha SolarOne (Qidong) Co., Ltd.
No. 888 Linyang Road,
Qidong City, Jiangsu Province 226200,
P. R. China

Product:

PV Modules

Type:

Same as Page 1

In addition:

With 6" poly c-Si cells:

HSL72P6-PB-1-xxxF (xxx=250-325, in steps of 5; 72 cells)

HSL60P6-PB-1-xxxF (xxx=200-270, in steps of 5; 60 cells)

Manufacturing Plant:

Hanwha SolarOne (Qidong) Co., Ltd.
No. 888 Linyang Road,
Qidong City, Jiangsu Province 226200,
P. R. China

Basis:



IEC 61215:2005

EN 61215:2005

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photovoltaic (PV) modules - Design
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ID 0000022834

Remarks:

- Valid in conjunction with TÜV Rheinland certificate PV 50254253 Page 1 - 7.
- Extension to new model types.

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 06 May 2018.



Certification body

Dipl.-Ing. Gerd Reimann

21 June 2013