

Phono Solar Technology Co., Ltd.
Jiang Wei
-
No. 1 Xinghuo Rd.,
Nanjing Hi-tech Zone,
Nanjing,
P.R. China

Date : 17.04.2014
Our ref. : ZCL 01
Your ref.: C.W.

Ref : PV Photovoltaic Modules

Type of Equipment : PV-Module
Model Designation : See Certificate
Certificate No. : PV 50280254 0001
Report No. : 15048971 005

Dear Jiang Wei,

Thank you very much for your interest in our services.

Please find enclosed your certification documents.

We appreciate your support and would like to offer our assistance in the approval of your future products through our extensive range of technical services.

Please feel free to contact us whatever your requirements may be.

With kind regards,

Certification Body


Dipl.-Ing. (TU) G. Reimann

CC: Phono Solar Technology Co., Ltd.

Enclosure

证书的详细资料请登陆www.tuvdotcom.com查阅,或拨打我司客服热线800 999 3668 / 400 883 1300咨询

Certificate

Registration No.: PV 50280254

Page 1

Report No.: 15048971.005

License Holder:

Phono Solar Technology Co.,Ltd.
No. 1 Xinghuo Rd., Nanjing Hi-tech Zone
Nanjing 210032, P. R. China

Product:

PV Module

Type:

With 6" mono c-Si solar cell:

PSxxxM-24/T (xxx=280-340, in steps of 5, 72 pcs)

PSxxxM-22/W (xxx=255-310, in steps of 5, 66 pcs)

PSxxxM-20/U (xxx=215-280, in steps of 5, 60 pcs)

PSxxxM-18/V (xxx=195-255, in steps of 5, 54 pcs)

PSxxxM-12/G (xxx=130-170, in steps of 5, 36 pcs)

With 6" poly c-Si solar cell:

PSxxxP-24/T (xxx=275-335, in steps of 5, 72 pcs)

PSxxxP-22/W (xxx=250-305, in steps of 5, 66 pcs)

PSxxxP-20/U (xxx=215-275, in steps of 5, 60 pcs)

PSxxxP-18/V (xxx=195-250, in steps of 5, 54 pcs)

PSxxxP-12/G (xxx=130-165, in steps of 5, 36 pcs)

With 5" mono c-Si solar cell:

PSxxxM-24/F (xxx=170-210, in steps of 5, 72 pcs)

PSxxxM-12/D (xxx=085-105, in steps of 5, 36 pcs)

Manufacturing Plant:

Phono Solar Technology Co.,Ltd.
No. 1 Xinghuo Rd., Nanjing Hi-tech Zone
Nanjing 210032, 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.



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ID 0000040846

Remarks:

- Valid in conjunction with TÜV Rheinland certificate PV 50280253 Page 1.
- The above listed PV modules fulfil the requirements of Application Class A (Class II acc. to IEC 61140). 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.

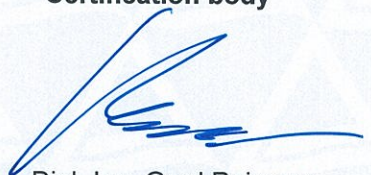
Conditions:

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 February 2017.



Certification body



Dipl.-Ing. Gerd Reimann

17 April 2014

Phono Solar Technology Co., Ltd.
Jiang Wei
-
No. 1 Xinghuo Rd.,
Nanjing Hi-tech Zone,
Nanjing,
P.R. China

Date : 17.04.2014
Our ref. : ZCL 01
Your ref.: J.W

Ref : PV Photovoltaic Modules

Type of Equipment : PV-Module
Model Designation : See Certificate
Certificate No. : PV 50280253 0001
Report No. : 15048970 005

Dear Jiang Wei,

Thank you very much for your interest in our services.

Please find enclosed your certification documents.

We appreciate your support and would like to offer our assistance in the approval of your future products through our extensive range of technical services.

Please feel free to contact us whatever your requirements may be.

With kind regards,

Certification Body


Dipl.-Ing. (TU) G. Reimann

CC: Phono Solar Technology Co., Ltd.

Enclosure

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Certificate

Registration No.: PV 50280253

Page 1

Report No.: 15048970.005

License Holder:

Phono Solar Technology Co.,Ltd.
No. 1 Xinghuo Rd., Nanjing Hi-tech Zone
Nanjing 210032, P. R. China

Product:

PV Module

Type:

With 6" mono c-Si solar cell:

PSxxxM-24/T (xxx=280-340, in steps of 5, 72 pcs)

PSxxxM-22/W (xxx=255-310, in steps of 5, 66 pcs)

PSxxxM-20/U (xxx=215-280, in steps of 5, 60 pcs)

PSxxxM-18/V (xxx=195-255, in steps of 5, 54 pcs)

PSxxxM-12/G (xxx=130-170, in steps of 5, 36 pcs)

With 6" poly c-Si solar cell:

PSxxxP-24/T (xxx=275-335, in steps of 5, 72 pcs)

PSxxxP-22/W (xxx=250-305, in steps of 5, 66 pcs)

PSxxxP-20/U (xxx=215-275, in steps of 5, 60 pcs)

PSxxxP-18/V (xxx=195-250, in steps of 5, 54 pcs)

PSxxxP-12/G (xxx=130-165, in steps of 5, 36 pcs)

With 5" mono c-Si solar cell:

PSxxxM-24/F (xxx=170-210, in steps of 5, 72 pcs)

PSxxxM-12/D (xxx=085-105, in steps of 5, 36 pcs)

Manufacturing Plant:

Phono Solar Technology Co.,Ltd.
No. 1 Xinghuo Rd., Nanjing Hi-tech Zone
Nanjing 210032, 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.



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Remarks:

- Valid in conjunction with TÜV Rheinland certificate PV 50280254 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 is valid until 26 February 2017.



Certification body



Dipl.-Ing. Gerd Reimann

17 April 2014

Phono Solar Technology Co., Ltd.
Ms. Qiuping Zhou
-
No. 1 Xinghuo Rd.,
Nanjing Hi-tech Zone,
Nanjing,
P.R. China

Date : 28.09.2014
Our ref. : YLS 01
Your ref.: Qiuping Zhou

Ref : PV Photovoltaic Modules

Type of Equipment : PV-Module
Model Designation : See Certificate
Certificate No. : PV 50280254 0002
Report No. : 15048971 008

Dear Ms. Qiuping Zhou,

Thank you very much for your interest in our services.

Please find enclosed your certification documents.

We appreciate your support and would like to offer our assistance in the approval of your future products through our extensive range of technical services.

Please feel free to contact us whatever your requirements may be.

With kind regards,

Certification Body


Dipl.-Ing. (TU) G. Reimann

CC: Phono Solar Technology Co., Ltd.

Enclosure

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Certificate

Registration No.: PV 50280254

Page 2

Report No.: 15048971.008

License Holder:

Phono Solar Technology Co., Ltd.
No. 1 Xinghuo Rd., Nanjing Hi-tech Zone
Nanjing 210032, P. R. China

Product:

PV Module
Type:
Same as Page 1

Manufacturing Plant:

Phono Solar Technology Co., Ltd.
No. 1 Xinghuo Rd., Nanjing Hi-tech Zone
Nanjing 210032, 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.



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ID 0000040846

Remarks:

- Valid in conjunction with TÜV Rheinland certificate PV 50280253 Page 1.
- The above listed PV modules fulfil the requirements of Application Class A (Class II acc. to IEC 61140). They may be used in PV plants at a maximum system voltage (Voc at STC) of up to 1000 VDC.
- The above listed PV modules fulfil the requirements of fire rating class C.

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 February 2017.



Certification body



Dipl.-Ing. Gerd Reimann

26 September 2014