



China

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TÜV SÜD Certification and Testing (China) Co., Ltd. Beijing Branch
M Building, No. 7 Wangjing Zhonghuan Nanlu, Chaoyang District
Beijing 100102, P.R. China

Changzhou Great Solar Technology Co.,Ltd.

Your reference/letter of	Our reference/name	Tel extension/e-mail	Fax extension	Date	Page
882161613102	Ms. Luo Xinlian	+86 10 65906186 Xinlian.Luo@tuv-sud.cn	+861065906182	27 June 2017	1/1

Subject: Your TÜV SÜD certificate

Dear Changzhou Great Solar Technology Co.,Ltd.

We are pleased to send you your below listed certificate(s), which entitle you to label your certified product(s) with the respective certification mark as applicable.

<u>Certificate No.</u>	<u>Product</u>	<u>Model</u>
Z2 17 06 87086 008	Poly-crystalline Silicon Photovoltaic (PV) Modules	Details are in the certificate

Further, we like to remind you on following information, which are applicable to all certificate holders:

- As a certificate holder, you have contractual obligations to the related TÜV SÜD certification body as outlined in global "Testing and Certification Regulations" of TÜV SÜD, which you can receive from us or download at: <http://www.tuv-sud.cn/cn-en/terms-and-conditions>
- If the products listed on the certificate will be exported to European Market, the name of the certificate holder and the name and address of the importer or authorized representative based within the European Economic Area must be clearly printed on the product and in the user manual, or where that is not possible, on the packaging and user manual.
- To ensure that the validity of the certificate is not jeopardized, please inform us about any change in your production or of the product itself (this also includes changes to the user manual or rating label)
- The annual license fee will be 10 units. If you want to stop the renewal of the above listed certificate(s) for the following year, please inform TÜV SÜD in writing by November 15 of the current year. If not received on time, the annual fee of the following year is to be paid and the cancellation will be done the year after.

If you have any question regarding your certificate(s) or the proper use of the certification mark on your products, please do not hesitate to contact us.

Yours sincerely,
TÜV SÜD Certification and Testing (China) Co., Ltd. Beijing Branch
Zheng Weirui, Assistant SMN

HSBC Bank (China) Company Limited, Beijing
Branch
Account No. (RMB): 626-228472-011
Account No. (USD): 006-228472-055
Account No. (EUR): 006-228472-056
SWIFT Code: HSBCCNSHBJS

Managing Director of
North Region:
Mr. Zhu Wencai

Telephone: +86 10 6590 6186
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www.tuv-sud.cn

TÜV SÜD Certification and Testing (China) Co.,
Ltd. Beijing Branch
TÜV SÜD Group
M Building, No. 7 Wangjing Zhonghuan Nanlu,
Chaoyang District
Beijing 100102



Product Service

CERTIFICATE

No. Z2 17 06 87086 008

Holder of Certificate: Changzhou Great Solar Technology Co.,LtdNo.2 Tianshan Road
Sanjing Industrial Zone
Xinbei District
213022 Changzhou, Jiangsu
PEOPLE'S REPUBLIC OF CHINA**Certification Mark:****Product: Crystalline Silicon Terrestrial Photovoltaic (PV) Modules
Poly-crystalline Silicon Photovoltaic (PV) Modules**

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition the certification holder must not transfer the certificate to third parties. See also notes overleaf.

Test report no.: 882161613102

Valid until: 2022-06-22

Date, 2017-06-27


(Xinlian Luo)

Page 1 of 2



Product Service

CERTIFICATE**No. Z2 17 06 87086 008****Model(s):**

GSM290P-72, GSM295P-72, GSM300P-72, GSM305P-72
 GSM310P-72, GSM315P-72, GSM320P-72, GSM325P-72
 GSM330P-72, GSM335P-72, GSM340P-72, GSM345P-72
 GSM350P-72, GSM240P-60, GSM245P-60, GSM250P-60
 GSM255P-60, GSM260P-60, GSM265P-60, GSM270P-60
 GSM275P-60, GSM280P-60, GSM285P-60, GSM290P-60

Parameters:

Rated Output Power at STC:

290W, 295W, 300W, 305W
 310W, 315W, 320W, 325W
 330W, 335W, 340W, 345W
 350W, 240W, 245W, 250W
 255W, 260W, 265W, 270W
 275W, 280W, 285W, 290W

Application Class:

A

Max. System Voltage:

1000V DC

Fire test: Class:

C

Test Laboratory:

Yangzhou Opto-electrical
 product testing institute
 (10 Kaifa West Rd., Yangzhou
 Jiangsu, P. R. China 225009)

Construction:

Framed, with Junction box
 cable and connector.

Tested according to:

IEC 61215:2005
 IEC 61730-1:2004
 IEC 61730-1:2004/AMD1:2011
 IEC 61730-1:2004/AMD2:2013
 IEC 61730-2:2004
 IEC 61730-2:2004/AMD1:2011
 EN 61215:2005
 EN 61730-1:2007/A2:2013
 EN 61730-2:2007/A1:2012

Production Facility(ies):

99403



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M Building, No. 7 Wangjing Zhonghuan Nanlu, Chaoyang District
Beijing 100102, P.R. China

Changzhou Great Solar Technology Co.,Ltd.

Your reference/letter of	Our reference/name	Tel. extension/e-mail	Fax extension	Date	Page
882161613002	Ms. Luo Xinlian	+86 10 65906186 Xinlian.Luo@tuv-sud.cn	+861065906182	29 June 2017	1/1

Subject: Your TÜV SÜD certificate

Dear Changzhou Great Solar Technology Co.,Ltd.

We are pleased to send you your below listed certificate(s), which entitle you to label your certified product(s) with the respective certification mark as applicable.

<u>Certificate No.</u>	<u>Product</u>	<u>Model</u>
Z2 17 06 87086 009	Mono-crystalline Silicon Photovoltaic (PV) Modules	Details are in the certificate

Further, we like to remind you on following information, which are applicable to all certificate holders:

- As a certificate holder, you have contractual obligations to the related TÜV SÜD certification body as outlined in global "Testing and Certification Regulations" of TÜV SÜD, which you can receive from us or download at: <http://www.tuv-sud.cn/cn-en/terms-and-conditions>
- If the products listed on the certificate will be exported to European Market, the name of the certificate holder and the name and address of the importer or authorized representative based within the European Economic Area must be clearly printed on the product and in the user manual, or where that is not possible, on the packaging and user manual.
- To ensure that the validity of the certificate is not jeopardized, please inform us about any change in your production or of the product itself (this also includes changes to the user manual or rating label)
- The annual license fee will be 10 units. If you want to stop the renewal of the above listed certificate(s) for the following year, please inform TÜV SÜD in writing by November 15 of the current year. If not received on time, the annual fee of the following year is to be paid and the cancellation will be done the year after.

If you have any question regarding your certificate(s) or the proper use of the certification mark on your products, please do not hesitate to contact us.

Yours sincerely,
TÜV SÜD Certification and Testing (China) Co., Ltd. Beijing Branch
Zheng Weirui, Assistant SMN

HSBC Bank (China) Company Limited, Beijing Branch
Account No. (RMB): 626-228472-011
Account No. (USD): 006-228472-055
Account No. (EUR): 006-228472-056
SWIFT Code: HSBCCNHBJG

Managing Director of
North Region:
Mr. Zhu Wencai

Telephone: +86 10 6590 6186
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TÜV SÜD Certification and Testing (China) Co., Ltd. Beijing Branch
TÜV SÜD Group
M Building, No. 7 Wangjing Zhonghuan Nanlu, Chaoyang District
Beijing 100102



Product Service

CERTIFICATE

No. Z2 17 06 87086 009

Holder of Certificate: **Changzhou Great Solar Technology Co.,Ltd**

No.2 Tianshan Road
Sanjing Industrial Zone
Xinbei District
213022 Changzhou, Jiangsu
PEOPLE'S REPUBLIC OF CHINA



Certification Mark:



Product: **Crystalline Silicon Terrestrial Photovoltaic (PV) Modules**
Mono-crystalline Silicon Photovoltaic (PV) Modules

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition the certification holder must not transfer the certificate to third parties. See also notes overleaf.

Test report no.: 882161613002

Valid until: 2022-06-22



Date, 2017-06-27 (Xinlian Luo)

Page 1 of 2



Product Service

CERTIFICATE

No. Z2 17 06 87086 009

Model(s):

GSM315M-72, GSM320M-72, GSM325M-72, GSM330M-72
 GSM335M-72, GSM340M-72, GSM345M-72, GSM350M-72
 GSM355M-72, GSM360M-72, GSM365M-72, GSM370M-72
 GSM375M-72, GSM380M-72, GSM385M-72, GSM265M-60
 GSM270M-60, GSM275M-60, GSM280M-60, GSM285M-60
 GSM290M-60, GSM295M-60, GSM300M-60, GSM305M-60
 GSM310M-60, GSM315M-60, GSM320M-60

Parameters:

Rated Output Power at STC: 315W, 320W, 325W, 330W
 335W, 340W, 345W, 350W
 355W, 360W, 365W, 370W
 375W, 380W, 385W, 265W
 270W, 275W, 280W, 285W
 290W, 295W, 300W, 305W
 310W, 315W, 320W

Application Class: A
 Max. System Voltage: 1000V DC
 Fire test: Class: C
 Test Laboratory: Yangzhou Opto-electrical
 product testing institute
 (10 Kaifa West Rd., Yangzhou
 Jiangsu, P. R. China 225009)

Construction: Framed, with Junction box
 cable and connector.

Tested according to:

IEC 61215:2005
 IEC 61730-1:2004
 IEC 61730-1:2004/AMD1:2011
 IEC 61730-1:2004/AMD2:2013
 IEC 61730-2:2004
 IEC 61730-2:2004/AMD1:2011
 EN 61215:2005
 EN 61730-1:2007/A2:2013
 EN 61730-2:2007/A1:2012

Production Facility(ies):

99403



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TÜV SÜD Certification and Testing (China) Co., Ltd. Beijing Branch
M Building, No. 7 Wangjing Zhonghuan Nanlu, Chaoyang District, Beijing 100102

Changzhou Great Solar Technology Co., Ltd.

Your reference/letter of	Our reference/name	Tel. extension/e-mail	Fax extension	Date	Page
882161613102	Ms. Luo Xinlian	+86 10 65906186 Xinlian.Luo@tuv-sud.cn	+861065906182	27 June 2017	1/1

Subject: Your Attestation of conformity

Dear Changzhou Great Solar Technology Co., Ltd.
We are pleased to send you your below listed certificate(s) of conformity.

<u>Certificate No.</u>	<u>Product</u>	<u>Model</u>
N8A 17 06 87086 007	Poly-crystalline Silicon Photovoltaic (PV) Modules	Details are in the certificate

Further, we like to remind you on following information, which are applicable to all certificate holders:

- As a certificate holder, you have contractual obligations to the related TÜV SÜD certification body as outlined in global "Testing and Certification Regulations" of TÜV SÜD, which you can receive from us or download at: <http://www.tuv-sud.cn/cn-en/terms-and-conditions>
- If the products listed on the certificate will be exported to European Market, the name of the certificate holder and the name and address of the importer or authorized representative based within the European Economic Area must be clearly printed on the product and in the user manual, or where that is not possible, on the packaging and user manual.

If you have any question regarding your certificate(s) or the proper use of the certification mark on your products, please do not hesitate to contact us.

Yours sincerely,
TÜV SÜD Certification and Testing (China) Co., Ltd. Beijing Branch
Zheng Weirui
Assistant
SMN

HSBC Bank (China) Company Limited, Beijing Branch
Account No. (RMB): 626-228472-011
Account No. (USD): 006-228472-055
Account No. (EUR): 006-228472-056
SWIFT Code: HSBCCN5HBJG

Managing Director of
North Region:
Mr. Zhu Wencai

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TÜV SÜD Certification and Testing (China) Co., Ltd. Beijing Branch
TÜV SÜD Group
M Building, No. 7 Wangjing Zhonghuan Nanlu, Chaoyang District
Beijing 100102



Product Service

Attestation of Conformity

No. N8A 17 06 87086 007

Holder of Certificate: Changzhou Great Solar Technology Co.,LtdNo.2 Tianshan Road
Sanjing Industrial Zone
Xinbei District
213022 Changzhou, Jiangsu
PEOPLE'S REPUBLIC OF CHINA**Product: Crystalline Silicon Terrestrial Photovoltaic (PV) Modules
Poly-crystalline Silicon Photovoltaic (PV) Modules**

This Attestation of Conformity is issued on a voluntary basis according to the Low Voltage Directive 2014/35/EU relating to electrical equipment designed for use within certain voltage limits. It confirms that the listed equipment complies with the principal protection requirements of the directive and is based on the technical specifications applicable at the time of issuance. It refers only to the particular sample submitted for testing and certification. See also notes overleaf.

Test report no.: 882161613102



Date, 2017-06-27

(Xinlian Luo)



After preparation of the necessary technical documentation as well as the EU conformity declaration the required CE marking can be affixed on the product. That declaration of conformity is issued under the sole responsibility of the manufacturer. Other relevant EU-directives have to be observed.

Page 1 of 2



Product Service

Attestation of Conformity
No. N8A 17 06 87086 007

Model(s): GSM290P-72, GSM295P-72, GSM300P-72, GSM305P-72
GSM310P-72, GSM315P-72, GSM320P-72, GSM325P-72
GSM330P-72, GSM335P-72, GSM340P-72, GSM345P-72
GSM350P-72, GSM240P-60, GSM245P-60, GSM250P-60
GSM255P-60, GSM260P-60, GSM265P-60, GSM270P-60
GSM275P-60, GSM280P-60, GSM285P-60, GSM290P-60

Parameters:

Rated Output Power at STC:	290W, 295W, 300W, 305W 310W, 315W, 320W, 325W 330W, 335W, 340W, 345W 350W, 240W, 245W, 250W 255W, 260W, 265W, 270W 275W, 280W, 285W, 290W
Application Class:	A
Max. System Voltage:	1000V DC
Test Laboratory:	Yangzhou Opto-electrical product testing institute (10 Kaifa West Rd., Yangzhou Jiangsu, P. R. China 225009)
Construction:	Framed, with Junction box cable and connector.

Tested according to: EN 61730-1:2007/A2:2013
EN 61730-2:2007/A1:2012



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TÜV SÜD Certification and Testing (China) Co., Ltd. Beijing Branch
M Building, No. 7 Wangjing Zhonghuan Nanlu, Chaoyang District, Beijing 100102

Changzhou Great Solar Technology Co., Ltd.

Your reference/letter of	Our reference/name	Tel. extension/e-mail	Fax extension	Date	Page
882161613002	Ms. Luo Xinlian	+86 10 65906186 Xinlian.Luo@tuv-sud.cn	+861065906182	27 June 2017	1/1

Subject: Your Attestation of conformity

Dear Changzhou Great Solar Technology Co., Ltd.
We are pleased to send you your below listed certificate(s) of conformity.

<u>Certificate No.</u>	<u>Product</u>	<u>Model</u>
N8A 17 06 87086 006	Mono-crystalline Silicon Photovoltaic (PV) Modules	Details are in the certificate

Further, we like to remind you on following information, which are applicable to all certificate holders:

- As a certificate holder, you have contractual obligations to the related TÜV SÜD certification body as outlined in global "Testing and Certification Regulations" of TÜV SÜD, which you can receive from us or download at: <http://www.tuv-sud.cn/cn-en/terms-and-conditions>
- If the products listed on the certificate will be exported to European Market, the name of the certificate holder and the name and address of the importer or authorized representative based within the European Economic Area must be clearly printed on the product and in the user manual, or where that is not possible, on the packaging and user manual.

If you have any question regarding your certificate(s) or the proper use of the certification mark on your products, please do not hesitate to contact us.

Yours sincerely,
TÜV SÜD Certification and Testing (China) Co., Ltd. Beijing Branch
Zheng Weirui
Assistant
SMN

GCM_TPS_F_00.01 - Rev. 0

HSBC Bank (China) Company Limited, Beijing Branch
Account No. (RMB): 626-228472-011
Account No. (USD): 006-228472-055
Account No. (EUR): 006-228472-056
SWIFT Code: HSBCCNSHB33

Managing Director of
North Region:
Mr. Zhu Wencai

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TÜV SÜD Certification and Testing (China) Co., Ltd. Beijing Branch
TÜV SÜD Group
M Building, No. 7 Wangjing Zhonghuan Nanlu, Chaoyang District
Beijing 100102



Product Service

Attestation of Conformity

No. N8A 17 06 87086 006

**Holder of Certificate: Changzhou Great Solar
Technology Co.,Ltd**

No.2 Tianshan Road
Sanjing Industrial Zone
Xinbei District
213022 Changzhou, Jiangsu
PEOPLE'S REPUBLIC OF CHINA

**Product: Crystalline Silicon Terrestrial Photovoltaic
(PV) Modules
Mono-crystalline Silicon Photovoltaic (PV)
Modules**

This Attestation of Conformity is issued on a voluntary basis according to the Low Voltage Directive 2014/35/EU relating to electrical equipment designed for use within certain voltage limits. It confirms that the listed equipment complies with the principal protection requirements of the directive and is based on the technical specifications applicable at the time of issuance. It refers only to the particular sample submitted for testing and certification. See also notes overleaf.

Test report no.: 882161613002



Date, 2017-06-27 (Xinlian Luo)

CE After preparation of the necessary technical documentation as well as the EU conformity declaration the required CE marking can be affixed on the product. That declaration of conformity is issued under the sole responsibility of the manufacturer. Other relevant EU-directives have to be observed.

Page 1 of 2



Attestation of Conformity
No. N8A 17 06 87086 006

Model(s): GSM315M-72, GSM320M-72, GSM325M-72, GSM330M-72
GSM335M-72, GSM340M-72, GSM345M-72, GSM350M-72
GSM355M-72, GSM360M-72, GSM365M-72, GSM370M-72
GSM375M-72, GSM380M-72, GSM385M-72, GSM265M-60
GSM270M-60, GSM275M-60, GSM280M-60, GSM285M-60
GSM290M-60, GSM295M-60, GSM300M-60, GSM305M-60
GSM310M-60, GSM315M-60, GSM320M-60

Parameters:

Rated Output Power at STC:	315W, 320W, 325W, 330W 335W, 340W, 345W, 350W 355W, 360W, 365W, 370W 375W, 380W, 385W, 265W 270W, 275W, 280W, 285W 290W, 295W, 300W, 305W 310W, 315W, 320W
Application Class:	A
Max. System Voltage:	1000V DC
Test Laboratory:	Yangzhou Opto-electrical product testing institute (10 Kaifa West Rd., Yangzhou Jiangsu, P. R. China 225009)
Construction:	Framed, with Junction box cable and connector.

Tested according to: EN 61730-1:2007/A2:2013
EN 61730-2:2007/A1:2012