



Product Service

CERTIFICATE

No. Z2 109549 0015 Rev. 00

Holder of Certificate: **SOLYCO Solar AG**

Baseler Str. 60
12205 Berlin
GERMANY

Certification Mark:



Product:

Crystalline Silicon Terrestrial Photovoltaic (PV) Modules
Mono-crystalline Silicon Hetero-junction 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. This certificate is valid until the listed date, unless it is cancelled earlier. All applicable requirements of the Testing, Certification, Validation and Verification Regulations of TÜV SÜD Group have to be complied. For details see: www.tuvsud.com/ps-cert

Test report no.: 701262305801-01

Valid until: 2029-05-12

Date, 2024-08-16

(Zhulin Zhang)

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Model(s):

210 x 105mm cell modules:

132 cells: C-WG 132h.6/xxx (xxx = 640 to 725 in step of 5)

120 cells: C-WG 120h.6 /xxx (xxx = 590 to 650 in step of 5)

182 x 91.75mm cell modules:

144 cells: C-WG 144h.3/xxx (xxx = 550 to 600 in step of 5)

108 cells: R-WG 108h.3/xxx (xxx = 410 to 450 in step of 5)

108 cells: R-TG 108h.3/xxx (xxx=420 to 440 in step of 5)

108 cells: R-BG 108h.3/xxx (xxx=420 to 440 in step of 5)

182 x 105mm cell modules:

132 cells: C-WG 132h.5/xxx (xxx=590 to 630 in step of 5)

108 cells: R-WG 108h.5/xxx (xxx=480 to 515 in step of 5)

96 cells: R-WG 96h.5/xxx (xxx=430 to 460 in step of 5)

108 cells: R-BG 108h.5/xxx (xxx=470 to 500 in step of 5)

108 cells: R-TG 108h.5/xxx (xxx=470 to 510 in step of 5)

96 cells: R-BG 96h.5/xxx (xxx=420 to 445 in step of 5)

96 cells: R-TG 96h.5/xxx (xxx=420 to 450 in step of 5)

xxx stands for rated output power at STC

The corresponding BNPI power range as follows:

All electrical data is shown as relative to this test conditions:

front side irradiance 1000 W/m², backside irradiance

135 W/m², 25 °C, AM 1.5

Framed:

210 x 105mm cell modules:

132 cells: C-WG 132h.6/xxx (BNPI Power range: 717, 723,728,734,740,745,751,757,762,768,773,779,785,790, 796,801,807,813)

120 cells: C-WG 120h.6 /xxx (BNPI Power range: 661,667,672,678,684,689,695,700,706,712,717,723,728)

182 x 91.75mm cell modules:

144 cells: C-WG 144h.3/xxx (BNPI Power range: 616, 622,628,633,639,644,650,656,661,667,672)

108 cells: R-WG 108h.3/xxx (BNPI Power range: 459,465,471,476,482,487,493,499,504)

108 cells: R-TG 108h.3/xxx (BNPI Power range: 471,476,482,487,493)

108 cells: R-BG 108h.3/xxx (BNPI Power range: 471,476,482,487,493)

182 x 105mm cell modules:

132 cells: C-WG 132h.5/xxx (BNPI Power range: 661,667,672,678,684,689,695,700,706)

108 cells: R-WG 108h.5/xxx (BNPI Power range: 538,543,549,555,560,566,571,577)

96 cells: R-WG 96h.5/xxx (BNPI Power range: 482,487,493,499,504,510,515)

108 cells: R-BG 108h.5/xxx (BNPI Power range: 471,476,482,487,493)



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527,532,538,543,549,555,560)

108 cells: R-TG 108h.5/xxx (BNPI Power range:527,532,538,543,549,555,560,566,571)

96 cells: R-BG 96h.5/xxx (BNPI Power range: 471,476,482,487,493,499)

96 cells: R-TG 96h.5/xxx (BNPI Power range: 471,477,482,488,493,499,505)

Parameters:

Construction:	Framed with Junction box, Cable and Connectors.
Safety Class:	Class II
Maximum System Voltage:	1500 V DC
Fire Safety Class:	Class C according to UL790 Yangzhou Opto-Electrical Products Testing Institute.
Test Laboratory:	No. 10 West Kaifa Road, Yangzhou, 225009 Jiangsu, P. R. China.

Tested according to:

- IEC 61215-1:2016
- IEC 61215-1-1:2016
- IEC 61215-2:2016
- IEC 61730-1:2016
- IEC 61730-2:2016