



CERTIFICATE

No. Z2 115676 0012 Rev. 00

Holder of Certificate: **Solar Fabrik GmbH**
Hermann-Niggemann-Str. 7-9
63846 Laufach
GERMANY

Certification Mark:



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

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.: 701262605402-00

Valid until: 2031-07-13

Date, 2026-08-17

(Zhulin Zhang)



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Model(s):

1500 V DC system voltage:

S4-DGxxx-132TMax, xxx = 590 to 650 in steps of 5;
 S4-DGxxx-132TMax Guard, xxx = 590 to 650 in steps of 5;
 S4-DGxxx-120TMax, xxx = 535 to 590 in steps of 5;
 S4-DGxxx-120TMax Guard, xxx = 535 to 590 in steps of 5;
 S4-DGxxx-108TMax, xxx = 480 to 530 in steps of 5;
 S4-DGxxx-108TMax Guard, xxx = 480 to 530 in steps of 5;
 S4-DGxxx-96TMax, xxx = 430 to 470 in steps of 5;
 S4-DGxxx-96TMax Guard, xxx = 430 to 470 in steps of 5;
 S4-DGxxx-88AVPMax, xxx = 420 to 440 in steps of 5;
 S4-DGxxx-88AVPMax Guard, xxx = 420 to 440 in steps of 5;
 S4-DGxxx-80AVPMax, xxx = 385 to 400 in steps of 5;
 S4-DGxxx-80AVPMax Guard, xxx = 385 to 400 in steps of 5;
 S4-DGxxx-72AVPMax, xxx = 345 to 360 in steps of 5;
 S4-DGxxx-72AVPMax Guard, xxx = 345 to 360 in steps of 5;
 S4-DGxxx-64AVPMax, xxx = 305 to 320 in steps of 5;
 S4-DGxxx-64AVPMax Guard, xxx = 305 to 320 in steps of 5;
 S4-DGxxx-84TMax, xxx = 375 to 410 in steps of 5;
 S4-DGxxx-84TMax Guard, xxx = 375 to 410 in steps of 5;
 S4-DGxxx-72TMax, xxx = 320 to 355 in steps of 5;
 S4-DGxxx-72TMax Guard, xxx = 320 to 355 in steps of 5;
 S4-DGxxx-64TMax, xxx = 290 to 315 in steps of 5;
 S4-DGxxx-64TMax Guard, xxx = 290 to 315 in steps of 5;
 S4-DGxxx-60TMax, xxx = 270 to 295 in steps of 5;
 S4-DGxxx-60TMax Guard, xxx = 270 to 295 in steps of 5;
 S4-DGxxx-56TMax, xxx = 250 to 275 in steps of 5;
 S4-DGxxx-56TMax Guard, xxx = 250 to 275 in steps of 5;
 S4-DGxxx-48TMax, xxx = 215 to 235 in steps of 5;
 S4-DGxxx-48TMax Guard, xxx = 215 to 235 in steps of 5;
 S4-DGxxx-40TMax, xxx = 180 to 195 in steps of 5;
 S4-DGxxx-40TMax Guard, xxx = 180 to 195 in steps of 5;
 S4-DGxxx-144T2, xxx = 600 to 625 in steps of 5;
 S4-DGxxx-144T2 Guard, xxx = 600 to 625 in steps of 5;
 S4-DGxxx-132T2, xxx = 550 to 570 in steps of 5;
 S4-DGxxx-132T2 Guard, xxx = 550 to 570 in steps of 5;
 S4-DGxxx-120T2, xxx = 500 to 520 in steps of 5;
 S4-DGxxx-120T2 Guard, xxx = 500 to 520 in steps of 5;
 S4-DGxxx-108T2, xxx = 450 to 470 in steps of 5;
 S4-DGxxx-108T2 Guard, xxx = 450 to 470 in steps of 5;
 S4-DGxxx-156IVP, xxx = 610 to 640 in steps of 5;
 S4-DGxxx-144IVP, xxx = 560 to 600 in steps of 5;
 S4-DGxxx-144IVP Guard, xxx = 560 to 600 in steps of 5;
 S4-DGxxx-132IVP, xxx = 515 to 550 in steps of 5;
 S4-DGxxx-132IVP Guard, xxx = 515 to 550 in steps of 5;
 S4-DGxxx-120IVP, xxx = 470 to 500 in steps of 5;
 S4-DGxxx-120IVP Guard, xxx = 470 to 500 in steps of 5;
 S4-DGxxx-108IVP, xxx = 425 to 450 in steps of 5;
 S4-DGxxx-108IVP Guard, xxx = 425 to 450 in steps of 5;
 S4-DGxxx-84IVP, xxx = 330 to 350 in steps of 5;
 S4-DGxxx-84IVP Guard, xxx = 330 to 350 in steps of 5;
 S4-DGxxx-96AVP, xxx = 380 to 400 in steps of 5;
 S4-DGxxx-96AVP Guard, xxx = 380 to 400 in steps of 5;
 S4-DGxxx-88AVP, xxx = 350 to 365 in steps of 5;
 S4-DGxxx-88AVP Guard, xxx = 350 to 365 in steps of 5;
 S4-DGxxx-80AVP, xxx = 315 to 330 in steps of 5;
 S4-DGxxx-80AVP Guard, xxx = 315 to 330 in steps of 5;



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S4-DGxxx-72AVP, xxx = 285 to 300 in steps of 5;
 S4-DGxxx-72AVP Guard, xxx = 285 to 300 in steps of 5;
 S5-DGxxx-56TRP, xxx = 295 to 310 in steps of 5;
 S5-DGxxx-56TRP Guard, xxx = 295 to 310 in steps of 5;
 S4-DGxxx-144BC-FB, xxx = 630 to 660 in steps of 5;
 S4-DGxxx-144BC-FB Guard, xxx = 630 to 660 in steps of 5;
 S4-DGxxx-144BC-B, xxx = 630 to 660 in steps of 5;
 S4-DGxxx-144BC-B Guard, xxx = 630 to 660 in steps of 5;
 S4-DGxxx-144BC-W, xxx = 630 to 660 in steps of 5;
 S4-DGxxx-144BC-W Guard, xxx = 630 to 660 in steps of 5;
 S4-DGxxx-132BC-FB, xxx = 580 to 605 in steps of 5;
 S4-DGxxx-132BC-FB Guard, xxx = 580 to 605 in steps of 5;
 S4-DGxxx-132BC-B, xxx = 580 to 605 in steps of 5;
 S4-DGxxx-132BC-B Guard, xxx = 580 to 605 in steps of 5;
 S4-DGxxx-132BC-W, xxx = 580 to 605 in steps of 5;
 S4-DGxxx-132BC-W Guard, xxx = 580 to 605 in steps of 5;
 S4-DGxxx-120BC-FB, xxx = 525 to 550 in steps of 5;
 S4-DGxxx-120BC-FB Guard, xxx = 525 to 550 in steps of 5;
 S4-DGxxx-120BC-B, xxx = 525 to 550 in steps of 5;
 S4-DGxxx-120BC-B Guard, xxx = 525 to 550 in steps of 5;
 S4-DGxxx-120BC-W, xxx = 525 to 550 in steps of 5;
 S4-DGxxx-120BC-W Guard, xxx = 525 to 550 in steps of 5;
 S4-DGxxx-108BC-FB, xxx = 475 to 495 in steps of 5;
 S4-DGxxx-108BC-FB Guard, xxx = 475 to 495 in steps of 5;
 S4-DGxxx-108BC-B, xxx = 475 to 495 in steps of 5;
 S4-DGxxx-108BC-B Guard, xxx = 475 to 495 in steps of 5;
 S4-DGxxx-108BC-W, xxx = 475 to 495 in steps of 5;
 S4-DGxxx-108BC-W Guard, xxx = 475 to 495 in steps of 5;
 S4-DGxxx-156BC3-FB, xxx = 650 to 670 in steps of 5;
 S4-DGxxx-156BC3-B, xxx = 650 to 670 in steps of 5;
 S4-DGxxx-156BC3-W, xxx = 650 to 670 in steps of 5;
 S4-DGxxx-144BC3-FB, xxx = 600 to 620 in steps of 5;
 S4-DGxxx-144BC3-FB Guard, xxx = 600 to 620 in steps of 5;
 S4-DGxxx-144BC3-B, xxx = 600 to 620 in steps of 5;
 S4-DGxxx-144BC3-B Guard, xxx = 600 to 620 in steps of 5;
 S4-DGxxx-144BC3-W, xxx = 600 to 620 in steps of 5;
 S4-DGxxx-144BC3-W Guard, xxx = 600 to 620 in steps of 5;
 S4-DGxxx-132BC3-FB, xxx = 550 to 570 in steps of 5;
 S4-DGxxx-132BC3-FB Guard, xxx = 550 to 570 in steps of 5;
 S4-DGxxx-132BC3-B, xxx = 550 to 570 in steps of 5;
 S4-DGxxx-132BC3-B Guard, xxx = 550 to 570 in steps of 5;
 S4-DGxxx-132BC3-W, xxx = 550 to 570 in steps of 5;
 S4-DGxxx-132BC3-W Guard, xxx = 550 to 570 in steps of 5;
 S4-DGxxx-120BC3-FB, xxx = 500 to 515 in steps of 5;
 S4-DGxxx-120BC3-FB Guard, xxx = 500 to 515 in steps of 5;
 S4-DGxxx-120BC3-B, xxx = 500 to 515 in steps of 5;
 S4-DGxxx-120BC3-B Guard, xxx = 500 to 515 in steps of 5;
 S4-DGxxx-120BC3-W, xxx = 500 to 515 in steps of 5;
 S4-DGxxx-120BC3-W Guard, xxx = 500 to 515 in steps of 5;
 S4-DGxxx-108BC3-FB, xxx = 450 to 465 in steps of 5;
 S4-DGxxx-108BC3-FB Guard, xxx = 450 to 465 in steps of 5;
 S4-DGxxx-108BC3-B, xxx = 450 to 465 in steps of 5;
 S4-DGxxx-108BC3-B Guard, xxx = 450 to 465 in steps of 5;
 S4-DGxxx-108BC3-W, xxx = 450 to 465 in steps of 5;
 S4-DGxxx-108BC3-W Guard, xxx = 450 to 465 in steps of 5;
 S4-DGxxx-132BC2-FB, xxx = 635 to 685 in steps of 5;

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S4-DGxxx-132BC2-FB Guard, xxx = 635 to 685 in steps of 5;
 S4-DGxxx-132BC2-B, xxx = 635 to 685 in steps of 5;
 S4-DGxxx-132BC2-B Guard, xxx = 635 to 685 in steps of 5;
 S4-DGxxx-132BC2-W, xxx = 635 to 685 in steps of 5;
 S4-DGxxx-132BC2-W Guard, xxx = 635 to 685 in steps of 5;
 S4-DGxxx-120BC2-FB, xxx = 580 to 620 in steps of 5;
 S4-DGxxx-120BC2-FB Guard, xxx = 580 to 620 in steps of 5;
 S4-DGxxx-120BC2-B, xxx = 580 to 620 in steps of 5;
 S4-DGxxx-120BC2-B Guard, xxx = 580 to 620 in steps of 5;
 S4-DGxxx-120BC2-W, xxx = 580 to 620 in steps of 5;
 S4-DGxxx-120BC2-W Guard, xxx = 580 to 620 in steps of 5;
 S4-DGxxx-108BC2-FB, xxx = 520 to 560 in steps of 5;
 S4-DGxxx-108BC2-FB Guard, xxx = 520 to 560 in steps of 5;
 S4-DGxxx-108BC2-B, xxx = 520 to 560 in steps of 5;
 S4-DGxxx-108BC2-B Guard, xxx = 520 to 560 in steps of 5;
 S4-DGxxx-108BC2-W, xxx = 520 to 560 in steps of 5;
 S4-DGxxx-108BC2-W Guard, xxx = 520 to 560 in steps of 5;
 S4-DGxxx-96BC2-FB, xxx = 465 to 500 in steps of 5;
 S4-DGxxx-96BC2-FB Guard, xxx = 465 to 500 in steps of 5;
 S4-DGxxx-96BC2-B, xxx = 465 to 500 in steps of 5;
 S4-DGxxx-96BC2-B Guard, xxx = 465 to 500 in steps of 5;
 S4-DGxxx-96BC2-W, xxx = 465 to 500 in steps of 5;
 S4-DGxxx-96BC2-W Guard, xxx = 465 to 500 in steps of 5;
 xxx is standing for rated output power at STC

Parameters:

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

Tested according to:

IEC 61215-1:2021
 EN IEC 61215-1:2021/AC:2021
 IEC 61215-1-1:2021
 EN IEC 61215-1-1:2021
 IEC 61215-2:2021
 EN IEC 61215-2:2021
 IEC 61730-1:2023
 IEC 61730-2:2023