CERTIFICADO ◆ 인증서 ◆ CERTIFICATO ◆ 認証書 ◆ CERTIFICATE ◆ 认证证书 ◆ ZERTIFIKAT

C E R T I F I C A T E

No. Z2 114228 0003 Rev. 32

Holder of Certificate: **JA Solar Technology Co., Ltd.**
No. 123 Xinxing Road
055550 Ningjin County, Hebei Province
PEOPLE'S REPUBLIC OF CHINA

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.: 704062302133-37

Valid until: 2031-07-06

Date, 2026-07-07

(Zhulin Zhang)

TÜV SÜD Product Service GmbH • Certification Body • Ridlerstraße 65 • 80339 Munich • Germany

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Model(s):

JAM78D40-xxx/MB, xxx = 600 to 655 in steps of 5;
JAM78D40-xxx/GB, xxx = 600 to 655 in steps of 5;
JAM72D40-xxx/MB, xxx = 560 to 610 in steps of 5;
JAM72D40-xxx/GB, xxx = 560 to 610 in steps of 5;
JAM72D40-xxx/MB-US, xxx = 585 to 615 in steps of 5;
JAM72D41-xxx/MB, xxx = 575 to 590 in steps of 5;
JAM72D41-xxx/GB, xxx = 575 to 590 in steps of 5;
JAM54D40-xxx/MB, xxx = 415 to 455 in steps of 5;
JAM54D41-xxx/MB, xxx = 415 to 445 in steps of 5;
JAM54D40-xxx/MR, xxx = 415 to 455 in steps of 5;
JAM72D30-xxx/MB, xxx = 530 to 555 in steps of 5;
JAM72D40-xxx/LB, xxx = 560 to 620 in steps of 5;
JAM60D40-xxx/LB, xxx = 485 to 515 in steps of 5;
JAM60D41-xxx/LB, xxx = 485 to 505 in steps of 5;
JAM54D40-xxx/LB, xxx = 420 to 475 in steps of 5;
JAM54D40-xxx/LR, xxx = 420 to 475 in steps of 5;
JAM54D40-xxx/LR/AU, xxx = 420 to 475 in steps of 5;
JAM54D41-xxx/LB, xxx = 420 to 475 in steps of 5;
JAM54D41-xxx/LB/AU, xxx = 420 to 475 in steps of 5;
JAM54D41-xxx/LR, xxx = 440 to 475 in steps of 5;
JAM54D41-xxx/LR/AU, xxx = 440 to 475 in steps of 5;
JAM72D30-xxx/LB, xxx = 555 to 570 in steps of 5;
JAM72D42-xxx/LB, xxx = 590 to 655 in steps of 5;
JAM66D42-xxx/MB, xxx = 540 to 600 in steps of 5;
JAM66D42-xxx/MR, xxx = 540 to 600 in steps of 5;
JAM66D43-xxx/MB, xxx = 565 to 580 in steps of 5;
JAM60D42-xxx/LB, xxx = 500 to 545 in steps of 5;
JAM66D45-xxx/LB, xxx = 580 to 655 in steps of 5;
JAM66D45-xxx/LR, xxx = 580 to 655 in steps of 5;
JAM48D45-xxx/MR, xxx = 450 to 475 in steps of 5;
JAM54D44-xxx/LR, xxx = 495 to 520 in steps of 5:
JAM66D46-xxx/LB, xxx = 685 to 745 in steps of 5;
JAM72D40-xxx/HB, xxx = 590 to 605 in steps of 5;
JAM54D40-xxx/HB, xxx = 440 to 450 in steps of 5;
JAM66D50-xxx/GB, xxx = 630 to 670 in steps of 5;
JAM54D50-xxx/GB, xxx = 515 to 550 in steps of 5;
JAM54D50-xxx/GR, xxx = 525 to 545 in steps of 5;
JAM54D51-xxx/GR, xxx = 515 to 535 in steps of 5;
JAM48D50-xxx/LB, xxx = 460 to 490 in steps of 5;
JAM48D50-xxx/LR, xxx = 470 to 490 in steps of 5;
JAM48D51-xxx/LR, xxx = 460 to 475 in steps of 5;
JAM66D54-xxx/GB, xxx = 620 to 630 in steps of 5;
xxx is standing for rated output power at STC

Parameters:

Connstruction:	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 according to UL790

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Production Facility(ies): 079395, 095903, 108746, 072092, 109998, 112017, 114922, 121678, 123101, 123430, 127131, 115500, 128635, 123846, 127728, 120210, 116996, 114994, 135479.

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

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