



Obsługa Wyrobu

ZERTIFIKAT ◆ CERTIFICATE ◆ 認証証書 ◆ CERTIFICADO ◆ CERTIFICAT

C E R T Y F I K A T

Nr Z2 0702092 0295 Wyd. 35

Właściciel Certyfikatu: Shanghai JA Solar Technology Co., Ltd.
No. 118, Lane 3111
West Huancheng Road
Fengxian District
201401 Shanghai
CHIŃSKA REPUBLIKA LUDOWA

Znak certyfikacji:



Wyrób: **Moduły fotowoltaiczne (PV) z krzemu krystalicznego do zastosowań ziemskich**
Moduł fotowoltaiczny z krzemu monokrystalicznego

Stwierdzam, że wyrób dobrowolnie zgłoszony do badania spełnia podstawowe wymogi i można na nim umieszczać wskazany powyżej znak certyfikacji. Nie dopuszcza się żadnych zmian znaku certyfikacji ani przekazywania go przez właściciela osobom trzecim. Certyfikat pozostaje ważny do daty w nim podanej, o ile nie zostanie wcześniej anulowany. Należy spełnić wszystkie wymogi badania i przepisy o certyfikacji TÜV SÜD Group. Informacje szczegółowe można znaleźć na stronie: www.tuvsud.com/ps-cert.—

Raport z badania Nr: 704061604115-50

Data ważności: 2026-01-04

Data: 2021-01-07 (Zhulin Zhang)

TUV®

C E R T Y F I K A T**Nr Z2 0702092 0295 Wyd. 35**

Obsługa Wyrobu

Model(e):**Moduły o maksymalnym napięciu systemu 1500 V DC i klasie odporności ogniowej A lub C:**

JAM72d00-XXX/bp/1500v, JAM72D00-xxx/BP, xxx=330 do 385 krokowo co 5;
 JAM60D00-xxx/BP/1500V, JAM60D00-xxx/BP, xxx=275 do 320 krokowo co 5;
 JAM60D00-xxx/PR/1500V, JAM60D00-xxx/PR, xxx=285 do 320 krokowo co 5;
 JAM72D00-xxx/PR/1500V, JAM72D00-xxx/PR, xxx=340 do 385 krokowo co 5;
 JAM60D00-xxx/MB/1500V, JAM60D00-xxx/MB, xxx=310 do 315 krokowo co 5;
 JAM72D00-xxx/MB/1500V, JAM72D00-xxx/MB, xxx=370 do 380 krokowo co 5;
 JAM72D09-xxx/BP/1500V, JAM72D09-xxx/BP, xxx=360 do 400 krokowo co 5;
 JAM60D09-xxx/BP/1500V, JAM60D09-xxx/BP, xxx=300 do 340 krokowo co 5;
 JAM72D10-xxx/MB/1500V, JAM72D10-xxx/MB, xxx=385 do 430 krokowo co 5;
 JAM60D10-xxx/MB/1500V, JAM60D10-xxx/MB, xxx=320 do 355 krokowo co 5;
 JAM72D10-xxx/BP/1500V, JAM72D10-xxx/BP, xxx=385 do 415 krokowo co 5;
 JAM60D10-xxx/BP/1500V, JAM60D10-xxx/BP, xxx=320 do 345 krokowo co 5;
 JAM66D10-xxx/MB/1500V, JAM66D10-xxx/MB, xxx=360 do 380 krokowo co 5;
 JAM78D10-xxx/MB/1500V, JAM78D10-xxx/MB, xxx=435 do 455 krokowo co 5;
 JAM72D20-xxx/MB/1500V, JAM72D20-xxx/MB, xxx=430 do 465 krokowo co 5;
 JAM60D20-xxx/MB/1500V, JAM60D20-xxx/MB, xxx=355 do 385 krokowo co 5;
 JAM72D10-xxx/TB/1500V, JAM72D10-xxx/TB, xxx=400 do 420 krokowo co 5;
 JAM60D10-xxx/TB/1500V, JAM60D10-xxx/TB, xxx=335 do 350 krokowo co 5;
 JAM72D30-xxx/MB/1500V, JAM72D30-xxx/MB, xxx=404 do 545 krokowo co 5;
 JAM66D30-xxx/MB/1500V, JAM66D30-xxx/MB, xxx=465 do 500 krokowo co 5;
 JAM60D30-xxx/MB/1500V, JAM60D30-xxx/MB, xxx=435 do 455 krokowo co 5;
 JAM54D30-xxx/MB/1500V, JAM54D30-xxx/MB, xxx=390 do 410 krokowo co 5;
 JAM50D40-xxx/MB/1500V, JAM50D40-xxx/MB, xxx=485 do 500 krokowo co 5;

Moduły o maksymalnym napięciu systemu 1000 V DC i klasie odporności ogniowej C:

JAM6(K)-72-xxx/PR, xxx=345 do 370 krokowo co 5;
 JAM6(K)-60-xxx/PR, xxx=285 do 310 krokowo co 5;
 JAM6(K)-72-xxx/4BB, xxx=320 do 345 krokowo co 5;
 JAM6(K)-60-xxx/4BB, xxx=265 do 285 krokowo co 5;
 JAM72S01-xxx/SC/1000V, xxx=320 do 365 krokowo co 5;
 JAM60S01-xxx/SC/1000V, xxx=265 do 305 krokowo co 5;
 JAM72S01-xxx/PR/1000V, xxx=345 do 390 krokowo co 5;
 JAM60S01-xxx/PR/1000V, xxx=285 do 325 krokowo co 5;
 JAM72S01-xxx/MR/1000V, xxx=365 do 385 krokowo co 5;
 JAM60S01-xxx/MR/1000V, xxx=305 do 320 krokowo co 5;
 JAM72S03-xxx/PR/1000V, xxx=360 do 395 krokowo co 5;
 JAM60S03-xxx/PR/1000V, xxx=300 do 330 krokowo co 5;
 JAM72S09-xxx/PR/1000V, xxx=370 do 405 krokowo co 5;
 JAM60S09-xxx/PR/1000V, xxx=310 do 335 krokowo co 5;

JAM72S10-xxx/PR/1000V, xxx=380 do 410 krokowo co 5;
JAM60S10-xxx/PR/1000V, xxx=315 do 345 krokowo co 5;
JAM72S10-xxx/MR/1000V, xxx=390 do 430 krokowo co 5;
JAM60S10-xxx/MR/1000V, xxx=325 do 355 krokowo co 5;
JAM78S10-xxx/MR/1000V, xxx=435 do 465 krokowo co 5;
JAM66S10-xxx/MR/1000V, xxx=345 do 390 krokowo co 5;
JAM72S09-xxx/BP/1000V, xxx=375 do 385 krokowo co 5;
JAM60S09-xxx/BP/1000V, xxx=315 do 320 krokowo co 5;
JAM72S10-xxx/BP/1000V, xxx=385 do 400 krokowo co 5;
JAM60S10-xxx/BP/1000V, xxx=320 do 330 krokowo co 5;
JAM72S02-xxx/PR/1000V, xxx=345 do 390 krokowo co 5;
JAM60S02-xxx/PR/1000V, xxx=285 do 325 krokowo co 5;
JAM72S02-xxx/SC/1000V, xxx=320 do 365 krokowo co 5;
JAM60S02-xxx/SC/1000V, xxx=265 do 305 krokowo co 5;
JAM72S02-xxx/MR/1000V, xxx=365 do 385 krokowo co 5;
JAM60S02-xxx/MR/1000V, xxx=305 do 320 krokowo co 5;
JAM72S08-xxx/PR/1000V, xxx=360 do 395 krokowo co 5;
JAM60S08-xxx/PR/1000V, xxx=300 do 330 krokowo co 5;
JAM72S12-xxx/PR/1000V, xxx=365 do 385 krokowo co 5;
JAM60S12-xxx/PR/1000V, xxx=305 do 330 krokowo co 5;
JAM72S17-xxx/PR/1000V, xxx=380 do 390 krokowo co 5;
JAM60S17-xxx/PR/1000V, xxx=315 do 325 krokowo co 5;
JAM72S17-xxx/MR/1000V, xxx=390 do 430 krokowo co 5;
JAM60S17-xxx/MR/1000V, xxx=315 do 355 krokowo co 5;
JAM72S10-xxx/MB/1000V, xxx=395 do 415 krokowo co 5;
JAM60S10-xxx/MB/1000V, xxx=330 do 345 krokowo co 5;
JAM72S20-xxx/MR/1000V, xxx=430 do 470 krokowo co 5;
JAM60S20-xxx/MR/1000V, xxx=355 do 390 krokowo co 5;
JAM72S30-xxx/MR/1000V, xxx=510 do 550 krokowo co 5;
JAM66S30-xxx/MR/1000V, xxx=470 do 505 krokowo co 5;
JAM60S30-xxx/MR/1000V, xxx=435 do 460 krokowo co 5;
JAM54S30-xxx/MR/1000V, xxx=390 do 415 krokowo co 5;
JAM60S21-xxx/MR/1000V, xxx=355 do 390 krokowo co 5;
JAM50S40-xxx/MR/1000V, xxx=490 do 500 krokowo co 5;
JAM72S20-xxx/MB/1000V, xxx=450 do 465 krokowo co 5;
JAM60S20-xxx/MB/1000V, xxx=375 do 390 krokowo co 5;
JAM72S31-xxx/MR/1000V, xxx=510 do 545 krokowo co 5;
JAM66S31-xxx/MR/1000V, xxx=470 do 500 krokowo co 5;
JAM60S31-xxx/MR/1000V, xxx=425 do 450 krokowo co 5;
JAM54S31-xxx/MR/1000V, xxx=385 do 405 krokowo co 5;

Moduły o maksymalnym napięciu systemu 1000 V DC lub 1500 V DC i klasie odporności ogniowej C:

JAM72S01-xxx/SC, xxx=320 do 365 krokowo co 5;
JAM60S01-xxx/SC, xxx=265 do 305 krokowo co 5;
JAM60S01-xxx/PR, xxx=285 do 325 krokowo co 5;
JAM72S01-xxx/MR, xxx=365 do 385 krokowo co 5;
JAM60S01-xxx/MR, xxx=305 do 320 krokowo co 5;
JAM72S03-xxx/PR, xxx=360 do 395 krokowo co 5;

JAM60S03-xxx/PR, xxx=300 do 330 krokowo co 5;
JAM72S09-xxx/PR, xxx=370 do 405 krokowo co 5;
JAM60S09-xxx/PR, xxx=310 do 335 krokowo co 5;
JAM72S10-xxx/PR, xxx=380 do 410 krokowo co 5;
JAM60S10-xxx/PR, xxx=315 do 345 krokowo co 5;
JAM72S10-xxx/MR, xxx=390 do 430 krokowo co 5;
JAM60S10-xxx/MR, xxx=325 do 355 krokowo co 5;
JAM78S10-xxx/MR, xxx=435 do 465 krokowo co 5;
JAM66S10-xxx/MR, xxx=345 do 390 krokowo co 5;
JAM72S09-xxx/BP, xxx=375 do 385 krokowo co 5;
JAM60S09-xxx/BP, xxx=315 do 320 krokowo co 5;
JAM72S10-xxx/BP, xxx=385 do 400 krokowo co 5;
JAM60S10-xxx/BP, xxx=320 do 330 krokowo co 5;
JAM72S02-xxx/PR, xxx=345 do 390 krokowo co 5;
JAM60S02-xxx/PR, xxx=285 do 325 krokowo co 5;
JAM72S02-xxx/SC, xxx=320 do 365 krokowo co 5;
JAM60S02-xxx/SC, xxx=265 do 305 krokowo co 5;
JAM72S02-xxx/MR, xxx=365 do 385 krokowo co 5;
JAM60S02-xxx/MR, xxx=305 do 320 krokowo co 5;
JAM72S08-xxx/PR, xxx=360 do 395 krokowo co 5;
JAM60S08-xxx/PR, xxx=300 do 330 krokowo co 5;
JAM72S12-xxx/PR, xxx=365 do 385 krokowo co 5;
JAM60S12-xxx/PR, xxx=305 do 330 krokowo co 5;
JAM72S17-xxx/PR, xxx=380 do 390 krokowo co 5;
JAM60S17-xxx/PR, xxx=315 do 325 krokowo co 5;
JAM72S17-xxx/MR, xxx=390 do 430 krokowo co 5;
JAM60S17-xxx/MR, xxx=315 do 355 krokowo co 5;
JAM72S10-xxx/MB, xxx=395 do 415 krokowo co 5;
JAM60S10-xxx/MB, xxx=330 do 345 krokowo co 5;
JAM72S20-xxx/MR, xxx=430 do 470 krokowo co 5;
JAM60S20-xxx/MR, xxx=355 do 390 krokowo co 5;
JAM78S10-xxx/MR-J, xxx=435 do 465 krokowo co 5;
JAM72S30-xxx/MR, xxx=510 do 550 krokowo co 5;
JAM66S30-xxx/MR, xxx=470 do 505 krokowo co 5;
JAM60S30-xxx/MR, xxx=435 do 465 krokowo co 5;
JAM54S30-xxx/MR, xxx=390 do 415 krokowo co 5;
JAM60S21-xxx/MR, xxx=355 do 390 krokowo co 5;
JAM50S40-xxx/MR, xxx=490 do 500 krokowo co 5;
JAM72S20-xxx/MB, xxx=450 do 465 krokowo co 5;
JAM60S20-xxx/MB, xxx=375 do 390 krokowo co 5;
JAM60S11-xxx/PR, xxx=355 do 365 krokowo co 5;
JAM60S11-xxx/PR(B), xxx=345 do 365 krokowo co 5;
JAM72S31-xxx/MR, xxx=510 do 545 krokowo co 5;
JAM66S31-xxx/MR, xxx=470 do 500 krokowo co 5;
JAM60S31-xxx/MR, xxx=425 do 450 krokowo co 5;
JAM54S31-xxx/MR, xxx=385 do 405 krokowo co 5;

Moduły o maksymalnym napięciu systemu 1500 V DC i klasie odporności ogniowej C:

JAM6(K)-72-xxx/PR/1500V, xxx=345 do 370 krokowo co 5;
JAM6(K)-60-xxx/PR/1500V, xxx=285 do 310 krokowo co 5;
JAM6(K)-72-xxx/4BB/1500V, xxx=320 do 345 krokowo co 5;
JAM6(K)-60-xxx/4BB/1500V, xxx=265 do 285 krokowo co 5;
JAM72S01-xxx/SC/1500V, xxx=320 do 365 krokowo co 5;
JAM60S01-xxx/SC/1500V, xxx=265 do 305 krokowo co 5;
JAM72S01-xxx/PR, xxx=345 do 390 krokowo co 5;
JAM60S01-xxx/PR/1500V, xxx=285 do 325 krokowo co 5;
JAM72S01-xxx/MR/1500V, xxx=365 do 385 krokowo co 5;
JAM60S01-xxx/MR/1500V, xxx=305 do 320 krokowo co 5;
JAM72S03-xxx/PR/1500V, xxx=360 do 395 krokowo co 5;
JAM60S03-xxx/PR/1500V, xxx=300 do 330 krokowo co 5;
JAM72S09-xxx/PR/1500V, xxx=370 do 405 krokowo co 5;
JAM60S09-xxx/PR/1500V, xxx=310 do 335 krokowo co 5;
JAM72S10-xxx/PR/1500V, xxx=380 do 410 krokowo co 5;
JAM60S10-xxx/PR/1500V, xxx=315 do 345 krokowo co 5;
JAM72S10-xxx/MR/1500V, xxx=390 do 430 krokowo co 5;
JAM60S10-xxx/MR/1500V, xxx=325 do 355 krokowo co 5;
JAM78S10-xxx/MR/1500V, xxx=435 do 465 krokowo co 5;
JAM66S10-xxx/MR/1500V, xxx=345 do 390 krokowo co 5;
JAM72S09-xxx/BP/1500V, xxx=375 do 385 krokowo co 5;
JAM60S09-xxx/BP/1500V, xxx=315 do 320 krokowo co 5;
JAM72S10-xxx/BP/1500V, xxx=385 do 400 krokowo co 5;
JAM60S10-xxx/BP/1500V, xxx=320 do 330 krokowo co 5;
JAM72S02-xxx/PR/1500V, xxx=345 do 390 krokowo co 5;
JAM60S02-xxx/PR/1500V, xxx=285 do 325 krokowo co 5;
JAM72S02-xxx/SC/1500V, xxx=320 do 365 krokowo co 5;
JAM60S02-xxx/SC/1500V, xxx=265 do 305 krokowo co 5;
JAM72S02-xxx/MR/1500V, xxx=365 do 385 krokowo co 5;
JAM60S02-xxx/MR/1500V, xxx=305 do 320 krokowo co 5;
JAM72S08-xxx/PR/1500V, xxx=360 do 395 krokowo co 5;
JAM60S08-xxx/PR/1500V, xxx=300 do 330 krokowo co 5;
JAM72S12-xxx/PR/1500V, xxx=365 do 385 krokowo co 5;
JAM60S12-xxx/PR/1500V, xxx=305 do 330 krokowo co 5;
JAM72S17-xxx/PR/1500V, xxx=380 do 390 krokowo co 5;
JAM60S17-xxx/PR/1500V, xxx=315 do 325 krokowo co 5;
JAM72S17-xxx/MR/1500V, xxx=390 do 430 krokowo co 5;
JAM60S17-xxx/MR/1500V, xxx=315 do 355 krokowo co 5;
JAM72S10-xxx/MB/1500V, xxx=395 do 415 krokowo co 5;
JAM60S10-xxx/MB/1500V, xxx=330 do 345 krokowo co 5;
JAM72S20-xxx/MR/1500V, xxx=430 do 470 krokowo co 5;
JAM60S20-xxx/MR/1500V, xxx=355 do 390 krokowo co 5;
JAM72S30-xxx/MR/1500V, xxx=510 do 550 krokowo co 5;
JAM66S30-xxx/MR/1500V, xxx=470 do 505 krokowo co 5;
JAM60S30-xxx/MR/1500V, xxx=435 do 460 krokowo co 5;
JAM54S30-xxx/MR/1500V, xxx=390 do 415 krokowo co 5;
JAM60S21-xxx/MR/1500V, xxx=355 do 390 krokowo co 5;

JAM50S40-xxx/MR/1500V, xxx=490 do 500 krokowo co 5;
 JAM72S20-xxx/MB/1500V, xxx=450 do 465 krokowo co 5;
 JAM60S20-xxx/MB/1500V, xxx=375 do 390 krokowo co 5;
 JAM72S31-xxx/MR/1500V, xxx=510 do 545 krokowo co 5;
 JAM66S31-xxx/MR/1500V, xxx=470 do 500 krokowo co 5;
 JAM60S31-xxx/MR/1500V, xxx=425 do 450 krokowo co 5;
 JAM54S31-xxx/MR/1500V, xxx=385 do 405 krokowo co 5;
 JAM72S31-xxx/MR/1500V, xxx=510 do 545 krokowo co 5;
 JAM66S31-xxx/MR/1500V, xxx=470 do 500 krokowo co 5;
 JAM60S31-xxx/MR/1500V, xxx=425 do 450 krokowo co 5;
 JAM54S31-xxx/MR/1500V, xxx=385 do 405 krokowo co 5;
 xxx oznacza wyjściową moc znamionową w warunkach STC

Parametry:	Konstrukcja: ramowa lub bez ramy, z puszką elektroinstalacyjną, kablem i wtyczkami złącza. Laboratorium badawcze: Yangzhou Opto-Electrical Products Testing Institute; No 10 West Kaifa Road, Yangzhou, 225009 Jiangsu, Ch.R.L. Klasa bezpieczeństwa: Klasa II Maksymalne napięcie systemu: 1500 V DC lub 1000 V DC Klasa odporności ogniowej: Klasa C lub Klasa A zgodnie z UL790
Badanie zgodnie z:	IEC 61215-1:2016 EN 61215-1:2016 IEC 61215-1-1:2016 EN 61215-1-1:2016 IEC 61215-2:2016 EN 61215-2:2017 IEC 61730-1:2016 EN IEC 61730-1:2018 EN IEC 61730-1:2018/AC:2018-06 IEC 61730-2:2016 EN IEC 61730-2:2018 EN IEC 61730-2:2018/AC:2018-06
Zakład(y) wytwórcze:	072056, 072092, 079395, 090968, 095903, 101572, 001783, 102627, 102852, 078666, 104704, 105721, 105673, 082738, 107160, 104585, 105674, 084671, 096716, 103323, 068988, 079922, 108228, 108293, 096558, 108820, 108746, 101631, 108941, 002225, 078488, 092177, 109998

Repertorium Nr 53 / 2021.

Ja, Maria McFarland, tłumacz przysięgły języka angielskiego w Bielsku-Białej, województwo śląskie, wpisana na listę tłumaczy przysięgłych Ministra Sprawiedliwości pod nr TP/1307/05, stwierdzam niniejszym, że powyższe jest wiernym i dokładnym tłumaczeniem przedstawionej mi elektronicznej wersji certyfikatu w języku angielskim o numerze jak wyżej, który składa się z 5 stron, na dowód czego składam swój podpis i pieczęć w Bielsku-Białej, dnia 22 marzec 2021 (12.952 znaków).—

ul. Poczтовая 10A, 43-309 Bielsko-Biała, POLAND—

T: +48 33 821 8194, kom: +48 661 830 316—

Maria McFarland

