ZERTIFIKAT ◆ CERTIFICATE ◆ 認證證書 ◆ СЕРТИФИКАТ ◆ CERTIFICADO ◆ CERTIFICAT

Product Service

CERTIFICATE

No. Z2 072092 0295 Rev. 10

Holder of Certificate: **Shanghai JA Solar Technology Co., Ltd.**
No. 118, Lane 3111,
West Huancheng Road
Fengxian District
201401 Shanghai
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. See also notes overleaf.

Test report no.: 704061604115-25

Valid until: 2024-09-19

Date, 2019-09-25 (Zhulin Zhang)

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

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Model(s):

1500 V DC Maximum System voltage,
Fire Safety Class C Modules:
JAM6(K)-72-xxx/PR/1500V, xxx= 345 to 370 in step of 5;
JAM6(K)-60-xxx/PR/1500V, xxx= 285 to 310 in step of 5;
JAM6(K)-72-xxx/4BB/1500V, xxx= 320 to 345 in step of 5;
JAM6(K)-60-xxx/4BB/1500V, xxx= 265 to 285 in step of 5;
1500 V DC Maximum System voltage,
Fire Safety Class A or C Modules:
JAM72D00-xxx/BP, xxx= 330 to 385 in step of 5;
JAM60D00-xxx/BP, xxx= 275 to 320 in step of 5;
JAM60D00-xxx/PR, xxx= 285 to 320 in step of 5;
JAM72D00-xxx/PR, xxx= 340 to 385 in step of 5;
JAM60D00-xxx/MB, xxx= 310 to 315 in step of 5;
JAM72D00-xxx/MB, xxx= 370 to 380 in step of 5;
JAM72D09-xxx/BP, xxx= 360 to 400 in step of 5;
JAM60D09-xxx/BP, xxx= 300 to 340 in step of 5;
JAM72D10-xxx/MB, xxx= 385 to 410 in step of 5;
JAM60D10-xxx/MB, xxx= 320 to 340 in step of 5;
1000 V DC Maximum System voltage,
Fire Safety Class C Modules:
JAM6(K)-72-xxx/PR, xxx= 345 to 370 in step of 5;
JAM6(K)-60-xxx/PR, xxx= 285 to 310 in step of 5;
JAM6(K)-72-xxx/4BB, xxx= 320 to 345 in step of 5;
JAM6(K)-60-xxx/4BB, xxx= 265 to 285 in step of 5;
JAM72S02-xxx/PR, xxx= 345 to 390 in step of 5;
JAM60S02-xxx/PR, xxx= 285 to 325 in step of 5;
JAM72S02-xxx/SC, xxx= 320 to 365 in step of 5;
JAM60S02-xxx/SC, xxx= 265 to 305 in step of 5;
JAM72S02-xxx/MR, xxx= 365 to 385 in step of 5;
JAM60S02-xxx/MR, xxx= 305 to 320 in step of 5;
JAM72S08-xxx/PR, xxx= 360 to 395 in step of 5;
JAM60S08-xxx/PR, xxx= 300 to 330 in step of 5;
JAM72S12-xxx/PR, xxx= 365 to 380 in step of 5;
JAM60S12-xxx/PR, xxx= 305 to 330 in step of 5;
JAM72S17-xxx/PR, xxx= 380 to 390 in step of 5;
JAM60S17-xxx/PR, xxx= 315 to 325 in step of 5;
JAM72S17-xxx/MR, xxx= 390 to 395 in step of 5;
JAM60S17- xxx/MR, xxx= 315 to 325 in step of 5;
1000 V DC or 1500 V DC Maximum System voltage,
Fire Safety Class C Modules:
JAM72S01-xxx/SC, xxx= 320 to 365 in step of 5;
JAM60S01-xxx/SC, xxx= 265 to 305 in step of 5;
JAM72S01-xxx/PR, xxx= 345 to 390 in step of 5;
JAM60S01-xxx/PR, xxx= 285 to 325 in step of 5;
JAM72S01-xxx/MR, xxx= 365 to 385 in step of 5;
JAM60S01-xxx/MR, xxx= 305 to 320 in step of 5;
JAM72S03-xxx/PR, xxx= 360 to 395 in step of 5;
JAM60S03-xxx/PR, xxx= 300 to 330 in step of 5;
JAM72S09-xxx/PR, xxx= 370 to 405 in step of 5;
JAM60S09-xxx/PR, xxx= 310 to 335 in step of 5;
JAM72S10-xxx/PR, xxx= 380 to 410 in step of 5;
JAM60S10-xxx/PR, xxx= 315 to 345 in step of 5.
JAM72S10-xxx/MR, xxx= 390 to 420 in step of 5;
JAM60S10-xxx/MR, xxx= 325 to 345 in step of 5;
JAM78S10-xxx/MR, xxx= 410 to 455 in step of 5;
JAM66S10-xxx/MR, xxx= 345 to 380 in step of 5.
xxx is standing for rated output power at STC

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Parameters:

Construction:	Framed or Frameless, with Junction box, Cable and Connectors.
Test Laboratory:	Yangzhou Opto-Electrical Products Testing Institute No. 10 West Kaifa Road, Yangzhou 225009 Jiangsu, P. R. China
Safety Class:	Class II
Maximum System Voltage:	1500 V DC or 1000 V DC
Fire Safety Class:	Class C or Class A according to UL790.

Tested according to:

IEC 61215-1(ed.1)
EN 61215-1:2016
IEC 61215-1-1(ed.1)
EN 61215-1-1:2016
IEC 61215-2(ed.1)
EN 61215-2:2017
IEC 61730-1(ed.2)
EN 61730-1:2018
IEC 61730-2(ed.2)
EN 61730-2:2018

Production Facility(ies):

072056, 072092, 079395, 090968, 095903, 097323, 101572, 001783, 089667, 102627, 102852, 104756, 104757, 078666, 090075, 076053, 078439, 104704, 105721

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