

TUV SUD  
**ZERTIFIKAT ◆ CERTIFICATE ◆ 認證證書 ◆ CERTIFICADO ◆ CERTIFICAT**



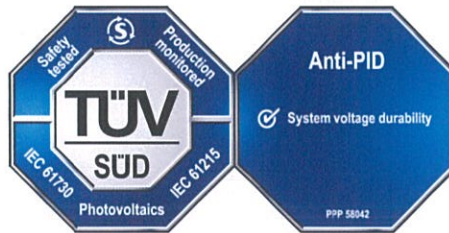
Product Service

# CERTIFICATE

No. Z2 072092 0300 Rev. 05

**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.:** 704061900211-05

**Valid until:** 2025-05-19

**Date,** 2020-05-20 ( Zhulin Zhang )



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Model(s):

**Maximum System Voltage: 1000 V DC**

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  
JAM72S17-xxx/MR, xxx=390 to 395 in step of 5  
JAM60S17-xxx/MR, xxx=315 to 325 in step of 5

**Maximum System Voltage: 1500 V DC**

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  
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  
JAM72D00-xxx/PR, xxx=340 to 385 in step of 5  
JAM60D00-xxx/PR, xxx=285 to 320 in step of 5  
JAM72D00-xxx/BP, xxx=330 to 385 in step of 5  
JAM60D00-xxx/BP, xxx=275 to 320 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 415 in step of 5  
JAM60D10-xxx/MB, xxx=320 to 345 in step of 5  
JAM66D10-XXX/MB, xxx=360 to 380 in step of 5  
JAM78D10-XXX/MB, xxx=440 to 450 in step of 5  
JAM72D10-XXX/BP, xxx=385 to 405 in step of 5  
JAM60D10-XXX/BP, xxx=320 to 335 in step of 5  
JAM72D20-XXX/MB, xxx=430 to 450 in step of 5  
JAM60D20-XXX/MB, xxx=355 to 375 in step of 5

**Maximum System Voltage: 1000 or 1500 V DC**

JAM72S01-xxx/PR, xxx=345 to 390 in step of 5  
JAM60S01-xxx/PR, xxx=285 to 325 in step of 5  
JAM72S01-xxx/SC, xxx=320 to 365 in step of 5  
JAM60S01-xxx/SC, xxx=265 to 305 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  
JAM72S09-xxx/BP, xxx=375 to 385 in step of 5  
JAM60S09-xxx/BP, xxx=315 to 320 in step of 5  
JAM72S10-xxx/BP, xxx=385 to 400 in step of 5  
JAM60S10-xxx/BP, xxx=320 to 330 in step of 5  
JAM72S10-xxx/MB, xxx=395 to 415 in step of 5  
JAM60S10-xxx/MB, xxx=330 to 345 in step of 5  
JAM72S20-xxx/MR, xxx=430 to 450 in step of 5  
JAM60S20-xxx/MR, xxx=355 to 375 in step of 5  
xxx is standing for rated output power at STC





Product Service

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## Parameters:

Construction: Framed or Frameless,  
with Junction box,  
cable and Connectors.  
Fire Safety Class: Class C or Class A according to UL790.  
Safety Class: Class II  
Maximum System Voltage: 1000 V DC or 1500V DC  
PID Test Condition:  $\pm 1000$  V DC, 96h, 60°C,  
85% RH or 96h, 85°C, 85% RH  
 $\pm 1500$  V DC, 96h, 85°C, 85% RH  
PID testing method according to IEC TS 62804-1:2015

## Tested according to:

IEC 61215-1(ed.1)  
IEC 61215-1-1(ed.1)  
IEC 61215-2(ed.1)  
IEC 61730-1(ed.2)  
IEC 61730-2(ed.2)  
PPP 58042B:2015

## Production Facility(ies):

072092, 001783, 072056, 078666, 079395, 090075, 090968,  
095903, 101572, 102627, 102852, 104756, 104757, 076053,  
078439, 104704, 105721, 105673, 082738, 084671, 096716,  
104585, 105674, 107160

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