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

Product Service

Attestation of Conformity

No. N8A 072092 0289 Rev. 06

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

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

This Attestation of Conformity is issued on a voluntary basis according to the Low Voltage Directive 2014/35/EU relating to electrical equipment designed for use within certain voltage limits. It confirms that the listed equipment complies with the principal protection requirements of the directive and is based on the technical specifications applicable at the time of issuance.
It refers only to the particular sample submitted for testing and certification. See also notes overleaf.

Test report no.: 704061209505-35

Date, 2019-06-27 (Zhulin Zhang)

After preparation of the necessary technical documentation as well as the EU declaration of conformity the required CE marking can be affixed on the product. The declaration of conformity is issued under the sole responsibility of the manufacturer. Other relevant EU-directives have to be observed.

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Model(s):

Maximum System Voltage: 1000 V DC or 1500 V DC
JAM72S01-xxx/PR, JAM72S04-xxx/PR, JAM72S06-xxx/PR,
xxx=325 to 390 in step of 5;
JAM60S01-xxx/PR, JAM60S04-xxx/PR, JAM60S06-xxx/PR,
xxx=280 to 325 in step of 5;
JAM72S01-xxx/SC, JAM72S04-xxx/SC, xxx =320 to 365 in step of 5;
JAM60S01-xxx/SC, JAM60S04-xxx/SC, JAM60S06-xxx/SC,
xxx=265 to 300 in step of 5;
JAM72S03-xxx/PR, xxx=355 to 400 in step of 5;
JAM60S03-xxx/PR, xxx = 295 to 335 in step of 5;
JAM72S01-xxx/MR, xxx= 360 to 390 in step of 5;
JAM60S01-xxx/MR, xxx= 300 to 330 in step of 5;
JAM72S09-xxx/PR, xxx= 365 to 390 in step of 5;
JAM60S09-xxx/PR, xxx= 305 to 325 in step of 5;
JAM72S10-xxx/PR, xxx= 365 to 415 in step of 5;
JAM60S10-xxx/PR, xxx= 305 to 345 in step of 5;
JAM72S10-xxx/MR, xxx= 390 to 410 in step of 5;
JAM60S10-xxx/MR, xxx= 320 to 340 in step of 5;
Maximum System Voltage: 1500 V DC
JAM6-72-xxx/SI/1500V, xxx =285 to 325 in step of 5;
JAM6-60-xxx/SI/1500V, xxx =235 to 280 in step of 5;
JAM6(R)-72-xxx/1500V, xxx =295 to 340 in step of 5;
JAM6(R)-60-xxx/1500V, JAM6-60-xxx/4BB/1500V, xxx =255 to 280 in step of 5;
JAM6-72-xxx/4BB/1500V, xxx =310 to 335 in step of 5;
JAM6(L)-72-xxx/PR/1500V, xxx =325 to 345 in step of 5;
JAM6(L)-60-xxx/PR/1500V, xxx =270 to 295 in step of 5;
JAM6(K)-72-xxx/PR/1500V, xxx= 335 to 360 in step of 5;
JAM6(K)-60-xxx/PR/1500V, xxx= 280 to 300 in step of 5;
JAM6(K)-72-xxx/4BB/1500V, xxx =320 to 340 in step of 5;
JAM6(K)-60-xxx/4BB /1500V, xxx =265 to 285 in step of 5;
Maximum System Voltage: 1000 V DC
JAM5(R)-72-xxx, JAM5(R)(BK)-72- xxx, xxx= 195 to 220 in step of 5;
JAM5-72-xxx, JAM5(BK)-72-xxx, xxx= 155 to 195 in step of 5;
JAM5(L)-72-xxx, JAM5(L)(BK)-72-xxx, xxx= 155 to 215 in step of 5;
JAM5-72-xxx/SI, JAM5(BK)-72-xxx/SI, xxx= 180 to 210 in step of 5;
JAM5(L)-72-xxx/SI, JAM5(L)(BK)-72-xxx/SI, xxx= 180 to 220 in step of 5;
JAM5(L)-96-xxx, JAM5(L)(BK)-96-xxx, xxx= 210 to 260 in step of 5;
JAM5(L)-96-xxx/SI, JAM5(L)(BK)-96-xxx/SI; xxx= 240 to 290 in step of 5;
JAM6-72-xxx, JAM6(BK)-72-xxx, xxx= 255 to 305 in step of 5;
JAM6-72-xxx/SI, JAM6(BK)-72-xxx/SI, JAM6(SE)-72-xxx/SI,
xxx= 285 to 325 in step of 5;
JAM6-60-xxx, JAM6(BK)-60-xxx, xxx= 200 to 250 in step of 5;
JAM6-60-xxx/3BB, JAM6(BK)-60-xxx/3BB, xxx= 200 to 275 in step of 5;
JAM6-60-xxx/SI, JAM6(BK)-60-xxx/SI, JAM6(SE)-60-xxx/SI,
xxx= 235 to 280 in step of 5;
JAM6-54-xxx, JAM6(BK)-54-xxx; xxx= 180 to 225 in step of 5;
JAM6-54-xxx/3BB, JAM6(BK)-54-xxx/3BB; xxx= 180 to 250 in step of 5;
JAM6-72-xxx/3BB, JAM6(BK)-72-xxx/3BB, xxx= 310 to 330 in step of 5;
JAM6-54-xxx/SI, JAM6(BK)-54-xxx/SI, xxx= 225 to 240 in step of 5;
JAM6(R)-54-xxx, JAM6(R)(BK)-54-xxx, xxx=230 to 250 in step of 5;
JAM6(R)-48-xxx, JAM6(R)(BK)-48-xxx, xxx=205 to 225 in step of 5;
JAM6-48-xxx/SI, JAM6(BK)-48-xxx/SI, xxx=200 to 220 in step of 5;
JAM6(R)-72-xxx, JAM6(R)(BK)-72-xxx, xxx=295 to 340 in step of 5;
JAM6(R)-60-xxx, JAM6(R)(BK)-60-xxx, JAM6(L)-60-xxx,
JAM6(L)(BK)-60-xxx, JAM6-60-xxx/4BB, xxx=255 to 280 in step of 5;
JAM6(L)-72-xxx, JAM6(L)(BK)-72-xxx, xxx=295 to 335 in step of 5;
JAM6(TG)-60-xxx/SI, JAM6(BK)(TG)-60-xxx/SI, JAM6(BK)(SE)-60-xxx/SI,
xxx=250 to 280 in step of 5;
JAM6(FA)-60-xxx/SI, xxx=255 to 275 in step of 5;
JAM6(FA)-48-xxx/SI, xxx=205 to 220 in step of 5;
JAM6(R)(FA)-48-xxx, JAM6(K)-48-xxx/4BB, JAM6(K)(BK)-48-xxx/4BB,
xxx= 210 to 225 in step of 5;

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Model(s):

JAM6-72-xxx/4BB, xxx=310 to 335 in step of 5;
JAM6(R)-72-xxx/PR, JAM6(R)(BK)-72-xxx/PR, xxx=330 to 350 in step of 5;
JAM6(R)-60-xxx/PR, JAM6(R)(BK)-60-xxx/PR, xxx=280 to 295 in step of 5;
JAM6(R)-48-xxx/PR, JAM6(R)(BK)-48-xxx/PR, JAM6(K)-48-xxx/PR,
JAM6(K)(BK)-48-xxx/PR, xxx=220 to 235 in step of 5;
JAM6-72-xxx/PR, JAM6(BK)-72-xxx/PR, JAM6(L)-72-xxx/PR,
JAM6(L)(BK)-72-xxx/PR,JAM6(L)(TG)-72-xxx/PR,
JAM6(L)(BK)(TG)-72-xxx/PR, xxx=325 to 345 in step of 5;
JAM6(L)-60-xxx/PR, JAM6(L)(BK)-60-xxx/PR, xxx=270 to 295 in step of 5;
JAM6(L)-54-xxx/PR, JAM6(L)(BK)-54-xxx/PR, xxx=250 to 270 in step of 5;
JAM6-48-xxx/PR, JAM6(BK)-48-xxx/PR, JAM6(L)-48-xxx/PR,
JAM6(L)(BK)-48-xxx/PR, xxx=215 to 235 in step of 5;
JAM6(R)(SE)-72-xxx, JAM6(R)(BK)(SE)-72-xxx, xxx=305 to 330 in step of 5;
JAM6(R)(FA)-60-xxx, JAM6(R)(SE)-60-xxx, JAM6(R)(BK)(SE)-60-xxx,
JAM6(R)(TG)-60-xxx, JAM6(R)(BK)(TG)-60-xxx, xxx=260 to 280 in step of 5;
JAM6(L)(SE)-60-xxx/PR, JAM6(L)(TG)-60-xxx/PR, JAM6(L)(BK)(SE)-60-xxx/PR,
JAM6-60-xxx/PR, JAM6(BK)-60-xxx/PR, xxx=275 to 295 in step of 5;
JAM6(TG)-72-xxx/SI, JAM6(BK)(TG)-72-xxx/SI, JAM6(BK)(SE)-72-xxx/SI,
xxx=300 to 325 in step of 5;
JAM6(R)(TG)-72-xxx, JAM6(R)(BK)(TG)-72-xxx,xxx=305 to 340 in step of 5;
JAM6(L)-72-xxx/4BB, JAM6(L)(BK)-72-xxx/4BB,xxx=320 to 335 in step of 5;
JAM6(L)-60-xxx/4BB, JAM6(L)(SE)-60-xxx/4BB,
JAM6(L)(TG)-60-xxx/4BB, JAM6(L)(BK)-60-xxx/4BB,
JAM6(L)(BK)(SE)-60-xxx/4BB, JAM6(L)(BK)(TG)-60-xxx/4BB,
xxx= 265 to 280 in step of 5;
JAM6(K)-72-xxx/4BB, JAM6(K)(BK)-72-xxx/4BB, JAM6(K)(TG)-72-xxx/4BB,
xxx= 320 to 340 in step of 5;
JAM6(K)-54-xxx/4BB, xxx= 235 to 250 in step of 5;
JAM6(K)-72-xxx/PR, JAM6(K)(BK)-72-xxx/PR, JAM72S02-xxx/PR,
JAM6(K)(BK)(TG)-72-xxx/PR, JAM6(K)(TG)-72-xxx/PR,
xxx=325 to 360 in step of 5;
JAM6(K)-60-xxx/PR, JAM6(K)(BK)-60-xxx/PR, xxx= 275 to 305 in step of 5;
JAM6(K)-54-xxx/PR, JAM6(K)(BK)-54-xxx/PR, xxx= 250 to 265 in step of 5;
JAM6(K)-60-xxx/4BB, JAM6(K)(BK)-60-xxx/4BB, JAM6(K)(SE)-60-xxx/4BB,
JAM6(K)(BK)(SE)-60-xxx/4BB, JAM6(K)(TG)-60-xxx/4BB,
JAM6(K)(BK)(TG)-60-xxx/4BB, JAM6(K)(FA)-60-xxx/4BB,
xxx= 265 to 290 in step of 5;
JAM6(K)(SE)-60-xxx/PR, JAM6(K)(BK)(SE)-60-xxx/PR,
JAM6(K)(TG)-60-xxx/PR, AM6(K)(BK)(TG)-60-xxx/PR,
xxx= 275 to 300 in step of 5;
JAM6(L)(SE)-72-xxx/PR, JAM6(L)(BK)(SE)-72-xxx/PR,
JAM6(K)(SE)-72-xxx/PR, JAM6(K)(BK)(SE)-72-xxx/PR,
JAM72S05-xxx/PR, JAM72S07-xxx/PR,xxx= 325 to 330 in step of 5;
JAM6(K)(SE)-72-xxx/4BB, JAM72S05-xxx/SC, xxx= 320 to 330 in step of 5;
JAM72S02-xxx/PR, xxx= 325 to 390 in step of 5;
JAM60S02-xxx/PR, xxx= 280 to 325 in step of 5;
JAM72S02-xxx/SC, xxx =320 to 365 in step of 5;
JAM60S02-xxx/SC, JAM60S05-xxx/SC, JAM60S07-xxx/SC,
xxx =265 to 300 in step of 5;

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Model(s):

JAM72S08-xxx/PR, xxx = 355 to 400 in step of 5;
JAM60S08-xxx/PR, xxx = 295 to 335 in step of 5;
JAM72S12-xxx/PR, xxx= 365 to 390 in step of 5;
JAM72S13-xxx/PR, xxx= 365 to 390 in step of 5;
JAM72S14-xxx/PR, xxx= 365 to 390 in step of 5;
JAM72S15-xxx/PR, xxx= 365 to 390 in step of 5;
JAM72S16-xxx/PR, xxx= 365 to 390 in step of 5;
JAM60S12-xxx/PR, xxx= 305 to 325 in step of 5;
JAM60S13-xxx/PR, xxx= 305 to 325 in step of 5;
JAM60S14-xxx/PR, xxx= 305 to 325 in step of 5;
JAM60S15-xxx/PR, xxx= 305 to 325 in step of 5;
JAM60S16-xxx/PR, xxx= 305 to 325 in step of 5;
JAM72S17-xxx/PR, xxx= 380 to 415 in step of 5;
JAM60S17-xxx/PR, xxx= 315 to 345 in step of 5;
JAM72S17-xxx/MR, xxx= 390 to 410 in step of 5;
JAM60S17-xxx/MR, xxx= 320 to 340 in step of 5;
JAM72S02-xxx/MR, xxx= 360 to 390 in step of 5;
JAM60S02-xxx/MR, xxx= 300 to 340 in step 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; No. 10 West Kaifa Road, Yangzhou, 225009 Jiangsu, P. R. China
Application Class:	Class A
Maximum System Voltage:	1000 V DC or 1500 V DC

Tested according to:

EN 61730-1:2007/A11:2014
EN 61730-2:2007/A1:2012

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