

No. N8A 073899 0077 Rev. 09

Holder of Attestation: ZNSHINE PV-TECH Co., Ltd.

No.1, South Zhenxing Road Industrial Zone, Zhixi Town, Jintan District 213251 Changzhou City, Jiangsu Province 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 conformity assessment. For details see: www.tuvsud.com/ps-cert

Test report no.: 704061908304-09

Date, 2023-06-02

(Zhulin Zhang)

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Model(s):

ZXM6-NHLDD156-xxx/M, xxx= 455 to 505 in steps of 5 ZXM6-NPLDD156-xxx/M, xxx= 455 to 505 in steps of 5 ZXM6-NOLDD156-xxx/M, xxx= 455 to 505 in steps of 5 ZXM6-NHLDD144-xxx/M, xxx= 420 to 470 in steps of 5 ZXM6-NPLDD144-xxx/M, xxx= 420 to 470 in steps of 5 ZXM6-NOLDD144-xxx/M, xxx= 420 to 470 in steps of 5 ZXM6-NHLDD132-xxx/M, xxx= 385 to 430 in steps of 5 ZXM6-NPLDD132-xxx/M, xxx= 385 to 430 in steps of 5 ZXM6-NOLDD132-xxx/M, xxx= 385 to 430 in steps of 5 ZXM6-NHLDD120-xxx/M, xxx= 350 to 390 in steps of 5 ZXM6-NPLDD120-xxx/M, xxx= 350 to 390 in steps of 5 ZXM6-NOLDD120-xxx/M, xxx= 350 to 390 in steps of 5 ZXM6-NHLDD144-xxx/M, xxx= 385 to 410 in steps of 5 ZXM6-NPLDD144-xxx/M, xxx= 385 to 410 in steps of 5 ZXM6-NOLDD144-xxx/M, xxx= 385 to 410 in steps of 5 ZXM6-NHLDD132-xxx/M, xxx= 360 to 375 in steps of 5 ZXM6-NPLDD132-xxx/M, xxx= 360 to 375 in steps of 5 ZXM6-NOLDD132-xxx/M, xxx= 360 to 375 in steps of 5 ZXM6-NHLDD120-xxx/M, xxx= 325 to 340 in steps of 5 ZXM6-NPLDD120-xxx/M, xxx= 325 to 340 in steps of 5 ZXM6-NOLDD120-xxx/M, xxx= 325 to 340 in steps of 5 ZXM6-LDD72-xxx/M, xxx= 380 to 400 in steps of 5 ZXM6-LDD66-xxx/M, xxx= 350 to 365 in steps of 5 ZXM6-LDD60-xxx/M, xxx= 320 to 330 in steps of 5 ZXM6-HLDD144-xxx/M, xxx= 380 to 405 in steps of 5 ZXM6-PLDD144-xxx/M, xxx= 380 to 405 in steps of 5 ZXM6-HLDD132-xxx/M, xxx= 350 to 370 in steps of 5 ZXM6-PLDD132-xxx/M, xxx= 350 to 370 in steps of 5 ZXM6-HLDD120-xxx/M, xxx= 320 to 335 in steps of 5 ZXM6-PLDD120-xxx/M, xxx= 320 to 335 in steps of 5 ZXM6-NHLD144-xxx/M, xxx= 420 to 470 in steps of 5 ZXM6-NPLD144-xxx/M, xxx= 420 to 470 in steps of 5 ZXM6-NOLD144-xxx/M, xxx= 420 to 470 in steps of 5 ZXM6-NHLD132-xxx/M, xxx= 385 to 430 in steps of 5 ZXM6-NPLD132-xxx/M, xxx= 385 to 430 in steps of 5 ZXM6-NOLD132-xxx/M, xxx= 385 to 430 in steps of 5 ZXM6-NHLD120-xxx/M, xxx= 350 to 390 in steps of 5 ZXM6-NPLD120-xxx/M, xxx= 350 to 390 in steps of 5 ZXM6-NOLD120-xxx/M, xxx= 350 to 390 in steps of 5 ZXM6-NHLD144-xxx/M, xxx= 380 to 410 in steps of 5 ZXM6-NPLD144-xxx/M, xxx= 380 to 410 in steps of 5 ZXM6-NOLD144-xxx/M, xxx= 380 to 410 in steps of 5 ZXM6-NHLD132-xxx/M, xxx= 350 to 375 in steps of 5 ZXM6-NPLD132-xxx/M, xxx= 350 to 375 in steps of 5 ZXM6-NOLD132-xxx/M, xxx= 350 to 375 in steps of 5 ZXM6-NHLD120-xxx/M, xxx= 320 to 340 in steps of 5 ZXM6-NPLD120-xxx/M, xxx= 320 to 340 in steps of 5 ZXM6-NOLD120-xxx/M, xxx= 320 to 340 in steps of 5 ZXM6-HLD144-xxx/M, xxx= 380 to 405 in steps of 5 ZXM6-PLD144-xxx/M, xxx= 380 to 405 in steps of 5 ZXM6-HLD132-xxx/M, xxx= 350 to 370 in steps of 5 ZXM6-PLD132-xxx/M, xxx= 350 to 370 in steps of 5 ZXM6-HLD120-xxx/M, xxx= 320 to 335 in steps of 5 ZXM6-PLD120-xxx/M, xxx= 320 to 335 in steps of 5 ZXM6-LD72-xxx/M, xxx= 380 to 400 in steps of 5 ZXM6-LD66-xxx/M, xxx= 350 to 365 in steps of 5 ZXM6-LD60-xxx/M, xxx= 320 to 330 in steps of 5 ZXM7-SOLDD144-xxx/M, xxx= 520 to 560 in steps of 5 ZXM7-SPLDD144-xxx/M, ZXM7-NPLDD144-xxx/M, xxx= 520 to 560 in steps of 5 ZXM7-SHLDD144-xxx/M, ZXM7-NHLDD144-xxx/M, xxx= 520 to 560 in steps of 5

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ZXM7-SOLDD132-xxx/M, xxx= 480 to 515 in steps of 5 ZXM7-SPLDD132-xxx/M, ZXM7-NPLDD132-xxx/M, xxx= 480 to 515 in steps of 5 ZXM7-SHLDD132-xxx/M, ZXM7-NHLDD132-xxx/M, xxx= 480 to 515 in steps of 5 ZXM7-SOLDD120-xxx/M, xxx= 435 to 470 in steps of 5 ZXM7-SPLDD120-xxx/M, ZXM7-NPLDD120-xxx/M, xxx= 435 to 470 in steps of 5 ZXM7-SHLDD120-xxx/M, ZXM7-NHLDD120-xxx/M, xxx= 435 to 470 in steps of 5 ZXM7-SPLDD108-xxx/M, ZXM7-NPLDD108-xxx/M, xxx= 390 to 420 in steps of 5 ZXM7-SHLDD108-xxx/M, ZXM7-NHLDD108-xxx/M, xxx= 390 to 420 in steps of 5 ZXM7-SOLD144-xxx/M, xxx= 520 to 560 in steps of 5 ZXM7-SPLD144-xxx/M, ZXM7-NPLD144-xxx/M, xxx= 520 to 560 in steps of 5 ZXM7-SHLD144-xxx/M, ZXM7-NHLD144-xxx/M, xxx= 520 to 560 in steps of 5 ZXM7-SOLD132-xxx/M, xxx= 480 to 515 in steps of 5 ZXM7-SPLD132-xxx/M, ZXM7-NPLD132-xxx/M, xxx= 480 to 515 in steps of 5 ZXM7-SHLD132-xxx/M, ZXM7-NHLD132-xxx/M, xxx= 480 to 515 in steps of 5 ZXM7-SOLD120-xxx/M, xxx= 435 to 470 in steps of 5 ZXM7-SPLD120-xxx/M, ZXM7-NPLD120-xxx/M, xxx= 435 to 470 in steps of 5 ZXM7-SHLD120-xxx/M, ZXM7-NHLD120-xxx/M, xxx= 435 to 470 in steps of 5 ZXM7-SPLD108-xxx/M, ZXM7-NPLD108-xxx/M, xxx= 390 to 420 in steps of 5 ZXM7-SHLD108-xxx/M, ZXM7-NHLD108-xxx/M, xxx= 390 to 420 in steps of 5 ZXM7-UPLDD144-xxx/M, xxx= 520 to 560 in steps of 5 ZXM7-UHLDD144-xxx/M, xxx= 520 to 560 in steps of 5 ZXM7-UPLDD132-xxx/M, xxx= 480 to 515 in steps of 5 ZXM7-UHLDD132-xxx/M, xxx= 480 to 515 in steps of 5 ZXM7-UPLDD120-xxx/M, xxx= 435 to 470 in steps of 5 ZXM7-UHLDD120-xxx/M, xxx= 435 to 470 in steps of 5 ZXM7-UPLDD108-xxx/M, xxx= 390 to 420 in steps of 5 ZXM7-UHLDD108-xxx/M, xxx= 390 to 420 in steps of 5 ZXM7-UPLD144-xxx/M, xxx= 520 to 560 in steps of 5 ZXM7-UHLD144-xxx/M, xxx= 520 to 560 in steps of 5 ZXM7-UPLD132-xxx/M, xxx= 480 to 515 in steps of 5 ZXM7-UHLD132-xxx/M, xxx= 480 to 515 in steps of 5 ZXM7-UPLD120-xxx/M, xxx= 435 to 470 in steps of 5 ZXM7-UHLD120-xxx/M, xxx= 435 to 470 in steps of 5 ZXM7-UPLD108-xxx/M, xxx= 390 to 420 in steps of 5 ZXM7-UHLD108-xxx/M, xxx= 390 to 420 in steps of 5 ZXM7-EPLDD144-xxx/M, xxx= 520 to 560 in steps of 5 ZXM7-EHLDD144-xxx/M, xxx= 520 to 560 in steps of 5 ZXM7-EPLDD132-xxx/M, xxx= 480 to 515 in steps of 5 ZXM7-EHLDD132-xxx/M, xxx= 480 to 515 in steps of 5 ZXM7-EPLDD120-xxx/M, xxx= 435 to 470 in steps of 5 ZXM7-EHLDD120-xxx/M, xxx= 435 to 470 in steps of 5 ZXM7-EPLDD108-xxx/M, xxx= 390 to 420 in steps of 5 ZXM7-EHLDD108-xxx/M, xxx= 390 to 420 in steps of 5 ZXM7-EPLD144-xxx/M, xxx= 520 to 560 in steps of 5 ZXM7-EHLD144-xxx/M, xxx= 520 to 560 in steps of 5 ZXM7-EPLD132-xxx/M, xxx= 480 to 515 in steps of 5 ZXM7-EHLD132-xxx/M, xxx= 480 to 515 in steps of 5 ZXM7-EPLD120-xxx/M, xxx= 435 to 470 in steps of 5

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ZXM7-EHLD120-xxx/M, xxx= 435 to 470 in steps of 5 ZXM7-EPLD108-xxx/M, xxx= 390 to 420 in steps of 5 ZXM7-EHLD108-xxx/M, xxx= 390 to 420 in steps of 5 ZXM7-UPLDD156-xxx/N, xxx= 585 to 635 in steps of 5 ZXM7-UHLDD156-xxx/N, xxx= 585 to 635 in steps of 5 ZXM7-UPLDD144-xxx/N, xxx= 540 to 585 in steps of 5 ZXM7-UHLDD144-xxx/N, xxx= 540 to 585 in steps of 5 ZXM7-UPLDD132-xxx/N, xxx= 495 to 535 in steps of 5 ZXM7-UHLDD132-xxx/N, xxx= 495 to 535 in steps of 5 ZXM7-UPLDD120-xxx/N, xxx= 450 to 490 in steps of 5 ZXM7-UHLDD120-xxx/N, xxx= 450 to 490 in steps of 5 ZXM7-UPLDD108-xxx/N, xxx= 405 to 440 in steps of 5 ZXM7-UHLDD108-xxx/N, xxx= 405 to 440 in steps of 5 ZXM7-UPLD156-xxx/N, xxx= 585 to 635 in steps of 5 ZXM7-UHLD156-xxx/N, xxx= 585 to 635 in steps of 5 ZXM7-UPLD144-xxx/N, xxx= 540 to 585 in steps of 5 ZXM7-UHLD144-xxx/N, xxx= 540 to 585 in steps of 5 ZXM7-UPLD132-xxx/N, xxx= 495 to 535 in steps of 5 ZXM7-UHLD132-xxx/N, xxx= 495 to 535 in steps of 5 ZXM7-UPLD120-xxx/N, xxx= 450 to 490 in steps of 5 ZXM7-UHLD120-xxx/N, xxx= 450 to 490 in steps of 5 ZXM7-UPLD108-xxx/N, xxx= 405 to 440 in steps of 5 ZXM7-UHLD108-xxx/N, xxx= 405 to 440 in steps of 5 ZXM7-EPLDD156-xxx/N, xxx= 585 to 635 in steps of 5 ZXM7-EHLDD156-xxx/N, xxx= 585 to 635 in steps of 5 ZXM7-EPLDD144-xxx/N, xxx= 540 to 585 in steps of 5 ZXM7-EHLDD144-xxx/N, xxx= 540 to 585 in steps of 5 ZXM7-EPLDD132-xxx/N, xxx= 495 to 535 in steps of 5 ZXM7-EHLDD132-xxx/N, xxx= 495 to 535 in steps of 5 ZXM7-EPLDD120-xxx/N, xxx= 450 to 490 in steps of 5 ZXM7-EHLDD120-xxx/N, xxx= 450 to 490 in steps of 5 ZXM7-EPLDD108-xxx/N, xxx= 405 to 440 in steps of 5 ZXM7-EHLDD108-xxx/N, xxx= 405 to 440 in steps of 5 ZXM7-EPLD156-xxx/N, xxx= 585 to 635 in steps of 5 ZXM7-EHLD156-xxx/N, xxx= 585 to 635 in steps of 5 ZXM7-EPLD144-xxx/N, xxx= 540 to 585 in steps of 5 ZXM7-EHLD144-xxx/N, xxx= 540 to 585 in steps of 5 ZXM7-EPLD132-xxx/N, xxx= 495 to 535 in steps of 5 ZXM7-EHLD132-xxx/N, xxx= 495 to 535 in steps of 5 ZXM7-EPLD120-xxx/N, xxx= 450 to 490 in steps of 5 ZXM7-EHLD120-xxx/N, xxx= 450 to 490 in steps of 5 ZXM7-EPLD108-xxx/N, xxx= 405 to 440 in steps of 5 ZXM7-EHLD108-xxx/N, xxx= 405 to 440 in steps of 5 ZXM7-SPLDD156-xxx/N, xxx= 585 to 635 in steps of 5 ZXM7-SHLDD156-xxx/N, xxx= 585 to 635 in steps of 5 ZXM7-SPLDD144-xxx/N, xxx= 540 to 585 in steps of 5 ZXM7-SHLDD144-xxx/N, xxx= 540 to 585 in steps of 5 ZXM7-SPLDD132-xxx/N, xxx= 495 to 535 in steps of 5 ZXM7-SHLDD132-xxx/N, xxx= 495 to 535 in steps of 5 ZXM7-SPLDD120-xxx/N, xxx= 450 to 490 in steps of 5 ZXM7-SHLDD120-xxx/N, xxx= 450 to 490 in steps of 5 ZXM7-SPLDD108-xxx/N, xxx= 405 to 440 in steps of 5 ZXM7-SHLDD108-xxx/N, xxx= 405 to 440 in steps of 5 ZXM7-SPLD156-xxx/N, xxx= 585 to 635 in steps of 5 ZXM7-SHLD156-xxx/N, xxx= 585 to 635 in steps of 5 ZXM7-SPLD144-xxx/N, xxx= 540 to 585 in steps of 5 ZXM7-SHLD144-xxx/N, xxx= 540 to 585 in steps of 5 ZXM7-SPLD132-xxx/N, xxx= 495 to 535 in steps of 5 ZXM7-SHLD132-xxx/N, xxx= 495 to 535 in steps of 5 ZXM7-SPLD120-xxx/N, xxx= 450 to 490 in steps of 5 ZXM7-SHLD120-xxx/N, xxx= 450 to 490 in steps of 5 ZXM7-SPLD108-xxx/N, xxx= 405 to 440 in steps of 5

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ZXM7-SHLD108-xxx/N, xxx= 405 to 440 in steps of 5 ZXM8-SOLDD150-xxx/M, xxx= 480 to 515 in steps of 5 ZXM8-SPLDD150-xxx/M, xxx= 480 to 515 in steps of 5 ZXM8-SHLDD150-xxx/M, xxx= 480 to 515 in steps of 5 ZXM8-SOLDD140-xxx/M, xxx= 450 to 480 in steps of 5 ZXM8-SPLDD140-xxx/M, xxx= 450 to 480 in steps of 5 ZXM8-SHLDD140-xxx/M, xxx= 450 to 480 in steps of 5 ZXM8-SOLDD130-xxx/M, xxx= 420 to 445 in steps of 5 ZXM8-SPLDD130-xxx/M, xxx= 420 to 445 in steps of 5 ZXM8-SHLDD130-xxx/M, xxx= 420 to 445 in steps of 5 ZXM8-SOLDD120-xxx/M, xxx= 385 to 410 in steps of 5 ZXM8-SPLDD120-xxx/M, xxx= 385 to 410 in steps of 5 ZXM8-SHLDD120-xxx/M, xxx= 385 to 410 in steps of 5 ZXM8-SOLDD90-xxx/M, xxx= 290 to 310 in steps of 5 ZXM8-SPLDD90-xxx/M, xxx= 290 to 310 in steps of 5 ZXM8-SHLDD90-xxx/M, xxx= 290 to 310 in steps of 5 ZXM8-SOLD150-xxx/M, xxx= 480 to 515 in steps of 5 ZXM8-SPLD150-xxx/M, xxx= 480 to 515 in steps of 5 ZXM8-SHLD150-xxx/M, xxx= 480 to 515 in steps of 5 ZXM8-SOLD140-xxx/M, xxx= 450 to 480 in steps of 5 ZXM8-SPLD140-xxx/M, xxx= 450 to 480 in steps of 5 ZXM8-SHLD140-xxx/M, xxx= 450 to 480 in steps of 5 ZXM8-SOLD130-xxx/M, xxx= 420 to 445 in steps of 5 ZXM8-SPLD130-xxx/M, xxx= 420 to 445 in steps of 5 ZXM8-SHLD130-xxx/M, xxx= 420 to 445 in steps of 5 ZXM8-SOLD120-xxx/M, xxx= 385 to 410 in steps of 5 ZXM8-SPLD120-xxx/M, xxx= 385 to 410 in steps of 5 ZXM8-SHLD120-xxx/M, xxx= 385 to 410 in steps of 5 ZXM8-SOLD90-xxx/M, xxx= 290 to 310 in steps of 5 ZXM8-SPLD90-xxx/M, xxx= 290 to 310 in steps of 5 ZXM8-SHLD90-xxx/M, xxx= 290 to 310 in steps of 5 ZXM8-TPLDD132-xxx/M, xxx= 630 to 670 in steps of 5 ZXM8-THLDD132-xxx/M, xxx= 630 to 670 in steps of 5 ZXM8-TPLDD120-xxx/M, xxx= 575 to 610 in steps of 5 ZXM8-THLDD120-xxx/M, xxx= 575 to 610 in steps of 5 ZXM8-TPLDD110-xxx/M, xxx= 525 to 560 in steps of 5 ZXM8-THLDD110-xxx/M, xxx= 525 to 560 in steps of 5 ZXM8-TPLDD100-xxx/M, xxx= 480 to 510 in steps of 5 ZXM8-THLDD100-xxx/M, xxx= 480 to 510 in steps of 5 ZXM8-TPLDD90-xxx/M, xxx= 430 to 455 in steps of 5 ZXM8-THLDD90-xxx/M, xxx= 430 to 455 in steps of 5 ZXM8-TPLDD80-xxx/M, xxx= 385 to 405 in steps of 5 ZXM8-THLDD80-xxx/M, xxx= 385 to 405 in steps of 5 ZXM8-TPLD132-xxx/M, xxx= 630 to 670 in steps of 5 ZXM8-THLD132-xxx/M, xxx= 630 to 670 in steps of 5 ZXM8-TPLD120-xxx/M, xxx= 575 to 610 in steps of 5 ZXM8-THLD120-xxx/M, xxx= 575 to 610 in steps of 5 ZXM8-TPLD110-xxx/M, xxx= 525 to 560 in steps of 5 ZXM8-THLD110-xxx/M, xxx= 525 to 560 in steps of 5 ZXM8-TPLD100-xxx/M, xxx= 480 to 510 in steps of 5 ZXM8-THLD100-xxx/M, xxx= 480 to 510 in steps of 5 ZXM8-TPLD90-xxx/M, xxx= 430 to 455 in steps of 5 ZXM8-THLD90-xxx/M, xxx= 430 to 455 in steps of 5 ZXM8-TPLD80-xxx/M, xxx= 385 to 405 in steps of 5 ZXM8-THLD80-xxx/M, xxx= 385 to 405 in steps of 5 ZXM8-TPLDD132-xxx/N, ZXM8-GPLDD132-xxx/N ZXM8-YPLDD132-xxx/N, xxx= 660 to 700 in steps of 5 ZXM8-THLDD132-xxx/N, ZXM8-GHLDD132-xxx/N, ZXM8-YHLDD132-xxx/N, xxx= 660 to 700 in steps of 5 ZXM8-TPLD132-xxx/N, ZXM8-GPLD132-xxx/N, ZXM8-YPLD132-xxx/N, xxx= 660 to 700 in steps of 5 ZXM8-THLD132-xxx/N, ZXM8-GHLD132-xxx/N,

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ZXM8-YHLD132-xxx/N, xxx= 660 to 700 in steps of 5 ZXM8-TPLDD120-xxx/N, ZXM8-GPLDD120-xxx/, ZXM8-YPLDD120-xxx/N, xxx= 600 to 635 in steps of 5 ZXM8-THLDD120-xxx/N, ZXM8-GHLDD120-xxx/N, ZXM8-YHLDD120-xxx/N, xxx= 600 to 635 in steps of 5 ZXM8-TPLD120-xxx/N, ZXM8-GPLD120-xxx/N, ZXM8-YPLD120-xxx/N, xxx= 600 to 635 in steps of 5 ZXM8-THLD120-xxx/N, ZXM8-GHLD120-xxx/N, ZXM8-YHLD120-xxx/N, xxx= 600 to 635 in steps of 5 ZXM8-TPLDD110-xxx/N, ZXM8-GPLDD110-xxx/N, ZXM8-YPLDD110-xxx/N, xxx= 550 to 580 in steps of 5 ZXM8-THLDD110-xxx/N, ZXM8-GHLDD110-xxx/N, ZXM8-YHLDD110-xxx/N, xxx= 550 to 580 in steps of 5 ZXM8-TPLD110-xxx/N, ZXM8-GPLD110-xxx/N, ZXM8-YPLD110-xxx/N, xxx= 550 to 580 in steps of 5 ZXM8-THLD110-xxx/N, ZXM8-GHLD110-xxx/N, ZXM8-YHLD110-xxx/N, xxx= 550 to 580 in steps 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

Safety Class: Class II

Maximum System Voltage: 1500 V DC

Fire Safety Class: Class A according to UL790

EN IEC 61730-1:2018 **Tested**

EN IEC 61730-1:2018/AC:2018-06 according to:

EN IEC 61730-2:2018

EN IEC 61730-2:2018/AC:2018-06

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