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

Product Service

C E R T I F I C A T E

No. Z2 070321 0097 Rev. 65

Holder of Certificate: **Trina Solar Co., Ltd.**
No. 2 TianHe Road, Trina PV Industrial Park
New District
213031 Changzhou City, Jiangsu Province
PEOPLE'S REPUBLIC OF CHINA

Certification Mark:

Product: **Crystalline Silicon Terrestrial Photovoltaic (PV) Modules**

Mono & Poly Crystalline Silicon Photovoltaic (PV) Module(s)

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. This certificate is valid until the listed date, unless it is cancelled earlier. All applicable requirements of the Testing, Certification, Validation and Verification Regulations of TÜV SÜD Group have to be complied. For details see: www.tuvsud.com/ps-cert

Test report no.: 64290170581780

Valid until: 2030-08-03

Date, 2025-08-06

(Zhulin Zhang)

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Product Service

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Model(s):

mono series with 157 x 157 (mm) and 156.75 x 156.75 (mm) solar cells:
72 cells:
TSM-xxxDEG14(II), TSM-xxxDEG14.05(II), TSM-xxxDEG14.25(II), TSM-xxxDEG14.07(II), TSM-xxxDEG14.20(II), TSM-xxxDEG14.27(II), TSM-xxxDEG14.28(II), TSM-xxxDEG14.29(II), TSM-xxxDEG14.40(II), TSM-xxxDEG14.47(II) (xxx=330-390, in steps of 5).
60 cells:
TSM-xxxDEG5(II), TSM-xxxDEG5.05(II), TSM-xxxDEG5.25(II), TSM-xxxDEG5.07(II), TSM-xxxDEG5.20(II), TSM-xxxDEG5.27(II), TSM-xxxDEG5.28(II), TSM-xxxDEG5.29(II), TSM-xxxDEG5.40(II), TSM-xxxDEG5.47(II) (xxx=275-325, in steps of 5).

mono series with 158.75 x 158.75 (mm) solar cells:
72 cells:
TSM-xxxDEG15(II), TSM-xxxDEG15.05(II), TSM-xxxDEG15.25(II), TSM-xxxDEG15.07(II), TSM-xxxDEG15.20(II), TSM-xxxDEG15.27(II), TSM-xxxDEG15.28(II), TSM-xxxDEG15.29(II), TSM-xxxDEG15.40(II), TSM-xxxDEG15.47(II) (xxx=330-380, in steps of 5).
60 cells:
TSM-xxxDEG6(II), TSM-xxxDEG6.05(II), TSM-xxxDEG6.25(II), TSM-xxxDEG6.07(II), TSM-xxxDEG6.20(II), TSM-xxxDEG6.27(II), TSM-xxxDEG6.28(II), TSM-xxxDEG6.29(II), TSM-xxxDEG6.40(II), TSM-xxxDEG6.47(II) (xxx=275-315, in steps of 5).

mono series with 157 x 157 (mm) bifacial cell:
72 cells:
TSM-xxxDEG14C(II), TSM-xxxDEG14C.05(II), TSM-xxxDEG14C.25(II), TSM-xxxDEG14C.07(II), TSM-xxxDEG14C.20(II), TSM-xxxDEG14C.27(II), TSM-xxxDEG14C.28(II), TSM-xxxDEG14C.29(II) (xxx=335-370, in steps of 5).
60 cells:
TSM-xxxDEG5C(II), TSM-xxxDEG5C.05(II), TSM-xxxDEG5C.25(II), TSM-xxxDEG5C.07(II), TSM-xxxDEG5C.20(II), TSM-xxxDEG5C.27(II), TSM-xxxDEG5C.28(II), TSM-xxxDEG5C.29(II) (xxx=285-305, in steps of 5).

mono series with 158.75 x 158.75 (mm) bifacial cell:
72 cells:
TSM-xxxDEG15C(II), TSM-xxxDEG15C.05(II), TSM-xxxDEG15C.25(II), TSM-xxxDEG15C.07(II), TSM-xxxDEG15C.20(II), TSM-xxxDEG15C.27(II), TSM-xxxDEG15C.28(II), TSM-xxxDEG15C.29(II) (xxx=335-350, in steps of 5).
60 cells:
TSM-xxxDEG6C(II), TSM-xxxDEG6C.05(II), TSM-xxxDEG6C.25(II), TSM-xxxDEG6C.07(II), TSM-xxxDEG6C.20(II), TSM-xxxDEG6C.27(II), TSM-xxxDEG6C.28(II), TSM-xxxDEG6C.29(II) (xxx=285-295, in steps of 5).

mono series with 157 x 78.5 (mm) half cutting cell:
144 cells:
TSM-xxxDEG14H(II), TSM-xxxDEG14H.05(II), TSM-xxxDEG14H.25(II), TSM-xxxDEG14H.07(II), TSM-xxxDEG14H.20(II), TSM-xxxDEG14H.27(II), TSM-xxxDEG14H.28(II), TSM-xxxDEG14H.29(II), TSM-xxxDEG14H.40(II), TSM-xxxDEG14H.47(II)

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(xxx=345-395, in steps of 5).
120 cells:
TSM-xxxDEG5H(II), TSM-xxxDEG5H.05(II),
TSM-xxxDEG5H.25(II), TSM-xxxDEG5H.07(II),
TSM-xxxDEG5H.20(II), TSM-xxxDEG5H.27(II),
TSM-xxxDEG5H.28(II), TSM-xxxDEG5H.29(II),
TSM-xxxDEG5H.40(II), TSM-xxxDEG5H.47(II)
(xxx=290-330, in steps of 5).

mono series with 158.75 x 79.375 (mm) half cutting cell:
144 cells:
TSM-xxxDEG15H(II), TSM-xxxDEG15H.05(II),
TSM-xxxDEG15H.25(II), TSM-xxxDEG15H.07(II),
TSM-xxxDEG15H.20(II), TSM-xxxDEG15H.27(II),
TSM-xxxDEG15H.28(II), TSM-xxxDEG15H.29(II),
TSM-xxxDEG15H.40(II), TSM-xxxDEG15H.47(II)
(xxx=380-410, in steps of 5).
120 cells:
TSM-xxxDEG6H(II), TSM-xxxDEG6H.05(II),
TSM-xxxDEG6H.25(II), TSM-xxxDEG6H.07(II),
TSM-xxxDEG6H.20(II), TSM-xxxDEG6H.27(II),
TSM-xxxDEG6H.28(II), TSM-xxxDEG6H.29(II),
TSM-xxxDEG6H.40(II), TSM-xxxDEG6H.47(II)
(xxx=310-340, in steps of 5).

mono series with 157 x 78.5 (mm) half cutting MBB cell:
(or module type with MBB bifacial cell for rear side with white EVA or Glass white)
144 cells:
TSM-xxxDEG14M(II), TSM-xxxDEG14M.05(II),
TSM-xxxDEG14M.25(II), TSM-xxxDEG14M.07(II),
TSM-xxxDEG14M.20(II), TSM-xxxDEG14M.27(II),
TSM-xxxDEG14M.28(II), TSM-xxxDEG14M.29(II),
TSM-xxxDEG14M.40(II), TSM-xxxDEG14M.47(II)
(xxx=345-385, in steps of 5).
120 cells:
TSM-xxxDEG5M(II), TSM-xxxDEG5M.05(II),
TSM-xxxDEG5M.25(II), TSM-xxxDEG5M.07(II),
TSM-xxxDEG5M.20(II), TSM-xxxDEG5M.27(II),
TSM-xxxDEG5M.28(II), TSM-xxxDEG5M.29(II),
TSM-xxxDEG5M.40(II), TSM-xxxDEG5M.47(II)
(xxx=290-320, in steps of 5).

mono series with 158.75 x 79.375 (mm) half cutting MBB cells:
(or module type with MBB bifacial cell for rear side with white EVA or Glass white)
144 cells:
TSM-xxxDEG15M(II), TSM-xxxDEG15M.05(II),
TSM-xxxDEG15M.25(II), TSM-xxxDEG15M.07(II),
TSM-xxxDEG15M.20(II), TSM-xxxDEG15M.27(II),
TSM-xxxDEG15M.28(II), TSM-xxxDEG15M.29(II),
TSM-xxxDEG15M.40(II), TSM-xxxDEG15M.47(II)
(xxx=350-420, in steps of 5).
120 cells:
TSM-xxxDEG6M(II), TSM-xxxDEG6M.05(II),
TSM-xxxDEG6M.25(II), TSM-xxxDEG6M.07(II),
TSM-xxxDEG6M.20(II), TSM-xxxDEG6M.27(II),
TSM-xxxDEG6M.28(II), TSM-xxxDEG6M.29(II),
TSM-xxxDEG6M.40(II), TSM-xxxDEG6M.47(II)
(xxx=295-350, in steps of 5).

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mono series with 166.0 x 83.0 (mm) half cutting MBB cells:
(or module type with MBB bifacial cell for rear side with white EVA or Glass white)
144 cells:
TSM-xxxDEG17M(II), TSM-xxxDEG17M.05(II), TSM-xxxDEG17M.25(II), TSM-xxxDEG17M.07(II), TSM-xxxDEG17M.20(II), TSM-xxxDEG17M.27(II), TSM-xxxDEG17M.28(II), TSM-xxxDEG17M.29(II), TSM-xxxDEG17M.40(II), TSM-xxxDEG17M.47(II) (xxx=425-460, in steps of 5).
120 cells:
TSM-xxxDEG8M(II), TSM-xxxDEG8M.05(II), TSM-xxxDEG8M.25(II), TSM-xxxDEG8M.07(II), TSM-xxxDEG8M.20(II), TSM-xxxDEG8M.27(II), TSM-xxxDEG8M.28(II), TSM-xxxDEG8M.29(II), TSM-xxxDEG8M.40(II), TSM-xxxDEG8M.47(II) (xxx=355-380, in steps of 5).

mono series with 157 x 78.5 (mm) half cutting bifacial cell:
144 cells:
TSM-xxxDEG14HC(II), TSM-xxxDEG14HC.05(II), TSM-xxxDEG14HC.25(II), TSM-xxxDEG14HC.07(II), TSM-xxxDEG14HC.20(II), TSM-xxxDEG14HC.27(II), TSM-xxxDEG14HC.28(II), TSM-xxxDEG14HC.29(II) (xxx=350-395, in steps of 5).
120 cells:
TSM-xxxDEG5HC(II), TSM-xxxDEG5HC.05(II), TSM-xxxDEG5HC.25(II), TSM-xxxDEG5HC.07(II), TSM-xxxDEG5HC.20(II), TSM-xxxDEG5HC.27(II), TSM-xxxDEG5HC.28(II), TSM-xxxDEG5HC.29(II) (xxx=295-330, in steps of 5).

mono series with 158.75 x 79.375 (mm) half cutting bifacial cell:
144 cells:
TSM-xxxDEG15HC(II), TSM-xxxDEG15HC.05(II), TSM-xxxDEG15HC.25(II), TSM-xxxDEG15HC.07(II), TSM-xxxDEG15HC.20(II), TSM-xxxDEG15HC.27(II), TSM-xxxDEG15HC.28(II), TSM-xxxDEG15HC.29(II) (xxx=350-410, in steps of 5).
120 cells:
TSM-xxxDEG6HC(II), TSM-xxxDEG6HC.05(II), TSM-xxxDEG6HC.25(II), TSM-xxxDEG6HC.07(II), TSM-xxxDEG6HC.20(II), TSM-xxxDEG6HC.27(II), TSM-xxxDEG6HC.28(II), TSM-xxxDEG6HC.29(II) (xxx=295-340, in steps of 5).

mono series with 157 x 78.5 (mm) half cutting MBB bifacial cell:
144 cells:
TSM-xxxDEG14MC(II), TSM-xxxDEG14MC.05(II), TSM-xxxDEG14MC.25(II), TSM-xxxDEG14MC.07(II), TSM-xxxDEG14MC.20(II), TSM-xxxDEG14HMC.20(II), TSM-xxxDEG14MC.27(II), TSM-xxxDEG14MC.28(II), TSM-xxxDEG14MC.29(II) (xxx=350-395, in steps of 5).
120 cells:
TSM-xxxDEG5MC(II), TSM-xxxDEG5MC.05(II), TSM-xxxDEG5MC.25(II), TSM-xxxDEG5MC.07(II), TSM-xxxDEG5MC.20(II), TSM-xxxDEG5MC.27(II), TSM-xxxDEG5MC.28(II), TSM-xxxDEG5MC.29(II) (xxx=295-330, in steps of 5).

mono series with 158.75 x 79.375 (mm) half cutting MBB bifacial cell:
144 cells:
TSM-xxxDEG15MC(II), TSM-xxxDEG15MC.05(II), TSM-

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xxxDEG15MC.25(II), TSM-xxxDEG15MC.07(II), TSM-xxxDEG15MC.20(II), TSM-xxxDEG15MC.27(II), TSM-xxxDEG15MC.28(II), TSM-xxxDEG15MC.29(II)
(xxx=350-425, in steps of 5).
120 cells:
TSM-xxxDEG6MC(II), TSM-xxxDEG6MC.05(II), TSM-xxxDEG6MC.25(II), TSM-xxxDEG6MC.07(II), TSM-xxxDEG6MC.20(II), TSM-xxxDEG6MC.27(II), TSM-xxxDEG6MC.28(II), TSM-xxxDEG6MC.29(II)
(xxx=295-350, in steps of 5).

mono series with 166.0 x 83.0 (mm) half cutting MBB bifacial cell:
144 cells:
TSM-xxxDEG17MC(II), TSM-xxxDEG17MC.05(II), TSM-xxxDEG17MC.25(II), TSM-xxxDEG17MC.07(II), TSM-xxxDEG17MC.20(II), TSM-xxxDEG17MC.27(II), TSM-xxxDEG17MC.28(II), TSM-xxxDEG17MC.29(II)
(xxx=425-460, in steps of 5).
120 cells:
TSM-xxxDEG8MC(II), TSM-xxxDEG8MC.05(II), TSM-xxxDEG8MC.25(II), TSM-xxxDEG8MC.07(II), TSM-xxxDEG8MC.20(II), TSM-xxxDEG8MC.27(II), TSM-xxxDEG8MC.28(II), TSM-xxxDEG8MC.29(II)
(xxx=355-380, in steps of 5).

mono series with 210.0 x 70.0 (mm) 1/3 cutting MBB bifacial cell:
150 cells:
TSM-xxxDEG18MC(II), TSM-xxxDEG18MC.05(II), TSM-xxxDEG18MC.25(II), TSM-xxxDEG18MC.07(II), TSM-xxxDEG18MC.20(II), TSM-xxxDEG18MC.27(II), TSM-xxxDEG18MC.28(II), TSM-xxxDEG18MC.29(II), TSM-xxxDEG18MC.20W(II) (xxx=460-510, in steps of 5).
120 cells:
TSM-xxxDEG9C.20, TSM-xxxDEG9C.25, TSM-xxxDEG9C.27, TSM-xxxDEG9C.28, TSM-xxxDEG9C.29
(xxx=370-405, in steps of 5).

mono series with 210.0 x 70.0 (mm) 1/3 cutting MBB bifacial cell:
(Module Type for rear side with white EVA or Glass white)
150 cells:
TSM-xxxDEG18M(II), TSM-xxxDEG18M.05(II), TSM-xxxDEG18M.25(II), TSM-xxxDEG18M.07(II), TSM-xxxDEG18M.20(II), TSM-xxxDEG18M.27(II), TSM-xxxDEG18M.28(II), TSM-xxxDEG18M.29(II)
(xxx=460-510, in steps of 5).
120 cells:
TSM-xxxDEG9.20, TSM-xxxDEG9.25, TSM-xxxDEG9.27, TSM-xxxDEG9.28, TSM-xxxDEG9.29
(xxx=370-405, in steps of 5).

mono series with 166 x 83 (mm) half cutting MBB bifacial cell (for cells splicing technology):
156 cells:
TSM-xxxDEG17XC.25(II), TSM-xxxDEG17XC.20(II), TSM-xxxDEG17XC.27(II), TSM-xxxDEG17XC.28(II), TSM-xxxDEG17XC.29(II) (xxx=445-490, in steps of 5).

mono series with 166 x 83 (mm) half cutting MBB bifacial cell (for cells splicing technology)
(Module Type for rear side with white EVA or Glass white):
156 cells:
TSM-xxxDEG17X.25(II), TSM-xxxDEG17X.20(II),

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**TSM-xxxDEG17X.27(II), TSM-xxxDEG17X.28(II),
TSM-xxxDEG17X.29(II) (xxx=445-490, in steps of 5).**

**mono series with 210.0 x 105.0 (mm) half cutting MBB bifacial cell:
120 cells:
TSM-xxxDEG20C.20, TSM-xxxDEG20C.25,
TSM-xxxDEG20C.27, TSM-xxxDEG20C.28,
TSM-xxxDEG20C.29, TSM-xxxDEG20C.20W
TSM-xxxDEG20C.28W,TSM-xxxDEG20C.70,
(xxx=570-610, in steps of 5).
110 cells:
TSM-xxxDEG19C.20, TSM-xxxDEG19C.25,
TSM-xxxDEG19C.27, TSM-xxxDEG19C.28,
TSM-xxxDEG19C.29, TSM-xxxDEG19C.20W
(xxx=525-555, in steps of 5).
132 cells:
TSM-xxxDEG21C.20, TSM-xxxDEG21C.25,
TSM-xxxDEG21C.27, TSM-xxxDEG21C.28,
TSM-xxxDEG21C.29, TSM-xxxDEG21C.20W,
TSM-xxxDEG21C.70, TSM-xxxDEG21C.80
(xxx=625-675, in steps of 5).**

**mono series with 210.0 x 105.0 (mm) half cutting MBB bifacial cell:
(Module Type for rear side with white EVA or Glass white)
120 cells:
TSM-xxxDEG20.20, TSM-xxxDEG20.25,
TSM-xxxDEG20.27, TSM-xxxDEG20.28,
TSM-xxxDEG20.29 (xxx=575-605, in steps of 5).
110 cells:
TSM-xxxDEG19.20, TSM-xxxDEG19.25,
TSM-xxxDEG19.27, TSM-xxxDEG19.28,
TSM-xxxDEG19.29 (xxx=525-555, in steps of 5).**

**mono series with 182.0 x 91.0/91.875 (mm) half cutting MBB bifacial cell:
144 cells:
TSM-xxxDEG18C.20, TSM-xxxDEG18C.25,
TSM-xxxDEG18C.27, TSM-xxxDEG18C.28,
TSM-xxxDEG18C.29, TSM-xxxDEG18C.20W
(xxx=520-555, in steps of 5).
120 cells:
TSM-xxxDEG10C.20, TSM-xxxDEG10C.25,
TSM-xxxDEG10C.27, TSM-xxxDEG10C.28,
TSM-xxxDEG10C.29 (xxx=425-450, in steps of 5).**

**mono series with 182.0 x 91.0/91.875 (mm) half cutting MBB bifacial cell:
(Module Type for rear side with white EVA or Glass white)
144 cells:
TSM-xxxDEG18.20, TSM-xxxDEG18.25,
TSM-xxxDEG18.27, TSM-xxxDEG18.28,
TSM-xxxDEG18.29 (xxx=520-555, in steps of 5).
120 cells:
TSM-xxxDEG10.20, TSM-xxxDEG10.25,
TSM-xxxDEG10.27, TSM-xxxDEG10.28,
TSM-xxxDEG10.29 (xxx=425-450, in steps of 5).**

**mono series with 182 x 105 (mm) half cutting MBB bifacial cell:
132 cells:
TSM-xxxDEG19RC.20, TSM-xxxDEG19RC.25,
TSM-xxxDEG19RC.27, TSM-xxxDEG19RC.28,
TSM-xxxDEG19RC.29, TSM-xxxDEG19RC.B0,**

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**TSM-xxxDEG19RC.B5, TSM-xxxDEG19RC.B7,
TSM-xxxDEG19RC.B8, TSM-xxxDEG19RC.B9,
TSM-xxxDEG19RC.20W, TSM-xxxDEG19RC.70,
TSM-xxxDEG19RC.80 (xxx=540-590, in steps of 5)**

**mono series with 182 x 105 (mm) half cutting MBB bifacial cell:
(Module Type for rear side with white EVA or Glass white)
132 cells:
TSM-xxxDEG19R.20, TSM-xxxDEG19R.25, TSM-xxxDEG19R.27,
TSM-xxxDEG19R.28, TSM-xxxDEG19R.29, TSM-xxxDEG19R.B0,
TSM-xxxDEG19R.B5, TSM-xxxDEG19R.B7, TSM-xxxDEG19R.B8,
TSM-xxxDEG19R.B9, (xxx=540-590, in steps of 5)**

**mono series with 182 x 70 (mm) 1/3 cutting MBB bifacial cell:
144 cells:
TSM-xxxDEG9RC.B0, TSM-xxxDEG9RC.B5,
TSM-xxxDEG9RC.B7, TSM-xxxDEG9RC.B8,
TSM-xxxDEG9RC.B9, TSM-xxxDEG9RC.20,
TSM-xxxDEG9RC.25,TSM-xxxDEG9RC.28,
TSM-xxxDEG9RC.27, TSM-xxxDEG9RC.29,
TSM-xxxDEG9RC.27W (xxx=395-435, in steps of 5)**

**mono series with 182 x 70 (mm) 1/3 cutting MBB bifacial cell:
(Module Type for rear side with white EVA or Glass white)
144 cells:
TSM-xxxDEG9R.B0, TSM-xxxDEG9R.B5, TSM-xxxDEG9R.B7,
TSM-xxxDEG9R.B8, TSM-xxxDEG9R.B9, TSM-xxxDEG9R.20,
TSM-xxxDEG9R.25, TSM-xxxDEG9R.27,TSM-xxxDEG9R.28,
TSM-xxxDEG9R.29, TSM-xxxDEG9R.20W, TSM-xxxDEG9R.28W
(xxx=395-435, in steps of 5)**

**mono series with 158.75 x 52.9 (mm) 1/3 cutting MBB bifacial cell:
252 cells:
TSM-xxxDEG15VC.20(II), TSM-xxxDEG15VC.25(II),
TSM-xxxDEG15VC.27(II), TSM-xxxDEG15VC.28(II),
TSM-xxxDEG15VC.29(II) (xxx=465-490, in steps of 5).**

**mono series with 157 x 157 (mm) N type MBB bifacial cell:
72 cells:
TSM-xxxNEG14C(II), TSM-xxxNEG14C.05(II),
TSM-xxxNEG14C.25(II), TSM-xxxNEG14C.07(II),
TSM-xxxNEG14C.20(II), TSM-xxxNEG14C.27(II),
TSM-xxxNEG14C.28(II), TSM-xxxNEG14C.29(II)
(xxx=350-370, in steps of 5).
60 cells:
TSM-xxxNEG5C(II), TSM-xxxNEG5C.05(II), TSM-xxxNEG5C.25(II), TSM-xxxNEG5C.07(II), TSM-xxxNEG5C.20(II), TSM-xxxNEG5C.27(II), TSM-xxxNEG5C.28(II), TSM-xxxNEG5C.29(II) (xxx=295-305, in steps of 5).**

**mono series with 158.75 x 158.75 (mm) N type MBB bifacial cell:
72 cells:
TSM-xxxNEG15C(II), TSM-xxxNEG15C.05(II),
TSM-xxxNEG15C.25(II), TSM-xxxNEG15C.07(II),
TSM-xxxNEG15C.20(II), TSM-xxxNEG15C.27(II),
TSM-xxxNEG15C.28(II), TSM-xxxNEG15C.29(II)
(xxx=350-370, in steps of 5).
60 cells:
TSM-xxxNEG6C(II), TSM-xxxNEG6C.05(II), TSM-xxxNEG6C.25(II), TSM-xxxNEG6C.07(II), TSM-xxxNEG6C.20(II), TSM-xxxNEG6C.27(II), TSM-xxxNEG6C.28(II), TSM-xxxNEG6C.29(II) (xxx=295-305, in steps of 5).**

mono series with 161.7 x 161.7 (mm) N type MBB bifacial cell:

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72 cells:
TSM-xxxNEG16C(II), TSM-xxxNEG16C.05(II), TSM-xxxNEG16C.25(II), TSM-xxxNEG16C.07(II), TSM-xxxNEG16C.20(II), TSM-xxxNEG16C.27(II), TSM-xxxNEG16C.28(II), TSM-xxxNEG16C.29(II) (xxx=350-410, in steps of 5).
60 cells:
TSM-xxxNEG7C(II), TSM-xxxNEG7C.05(II), TSM-xxxNEG7C.25(II), TSM-xxxNEG7C.07(II), TSM-xxxNEG7C.20(II), TSM-xxxNEG7C.27(II), TSM-xxxNEG7C.28(II), TSM-xxxNEG7C.29(II) (xxx=295-340, in steps of 5).

mono series with 157 x 78.5 (mm) half cutting N type MBB bifacial cell:
144 cells:
TSM-xxxNEG14MC(II), TSM-xxxNEG14MC.05(II), TSM-xxxNEG14MC.25(II), TSM-xxxNEG14MC.07(II), TSM-xxxNEG14MC.20(II), TSM-xxxNEG14MC.27(II), TSM-xxxNEG14MC.28(II), TSM-xxxNEG14MC.29(II) (xxx=350-380, in steps of 5).
120 cells:
TSM-xxxNEG5MC(II), TSM-xxxNEG5MC.05(II), TSM-xxxNEG5MC.25(II), TSM-xxxNEG5MC.07(II), TSM-xxxNEG5MC.20(II), TSM-xxxNEG5MC.27(II), TSM-xxxNEG5MC.28(II), TSM-xxxNEG5MC.29(II) (xxx=295-315, in steps of 5).

mono series with 158.75 x 79.375 (mm) half cutting N type MBB bifacial cell:
144 cells:
TSM-xxxNEG15MC(II), TSM-xxxNEG15MC.05(II), TSM-xxxNEG15MC.25(II), TSM-xxxNEG15MC.07(II), TSM-xxxNEG15MC.20(II), TSM-xxxNEG15MC.27(II), TSM-xxxNEG15MC.28(II), TSM-xxxNEG15MC.29(II) (xxx=350-420, in steps of 5).
120 cells:
TSM-xxxNEG6MC(II), TSM-xxxNEG6MC.05(II), TSM-xxxNEG6MC.25(II), TSM-xxxNEG6MC.07(II), TSM-xxxNEG6MC.20(II), TSM-xxxNEG6MC.27(II), TSM-xxxNEG6MC.28(II), TSM-xxxNEG6MC.29(II) (xxx=295-345, in steps of 5).

mono series with 158.75 x 79.375 (mm) half cutting N type MBB bifacial cell (Module Type for rear side with white EVA or Glass white)：
144 cells:
TSM-xxxNEG15M(II), TSM-xxxNEG15M.05(II), TSM-xxxNEG15M.25(II), TSM-xxxNEG15M.07(II), TSM-xxxNEG15M.20(II), TSM-xxxNEG15M.27(II), TSM-xxxNEG15M.28(II), TSM-xxxNEG15M.29(II) (xxx=350-420, in steps of 5).
120 cells:
TSM-xxxNEG6M(II), TSM-xxxNEG6M.05(II), TSM-xxxNEG6M.25(II), TSM-xxxNEG6M.07(II), TSM-xxxNEG6M.20(II), TSM-xxxNEG6M.27(II), TSM-xxxNEG6M.28(II), TSM-xxxNEG6M.29(II) (xxx=295-345, in steps of 5).

mono series with 161.7 x 80.85 (mm) half cutting N type MBB bifacial cell (Module Type for rear side with white EVA or white Glass):
144 cells:
TSM-xxxNEG16M(II), TSM-xxxNEG16M.05(II), TSM-xxxNEG16M.25(II), TSM-xxxNEG16M.07(II), TSM-xxxNEG16M.20(II), TSM-xxxNEG16M.27(II),

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TSM-xxxNEG16M.28(II), TSM-xxxNEG16M.29(II)
(xxx=390-435, in steps of 5).
120 cells:
TSM-xxxNEG7M(II), TSM-xxxNEG7M.05(II),
TSM-xxxNEG7M.25(II), TSM-xxxNEG7M.07(II),
TSM-xxxNEG7M.20(II), TSM-xxxNEG7MC.27(II),
TSM-xxxNEG7M.28(II), TSM-xxxNEG7M.29(II)
(xxx=325-360, in steps of 5).

mono series with 161.7 x 80.85 (mm) half cutting N type MBB bifacial cell:
144 cells:
TSM-xxxNEG16MC(II), TSM-xxxNEG16MC.05(II),
TSM-xxxNEG16MC.25(II), TSM-xxxNEG16MC.07(II),
TSM-xxxNEG16MC.20(II), TSM-xxxNEG16MC.27(II),
TSM-xxxNEG16MC.28(II), TSM-xxxNEG16MC.29(II)
(xxx=390-435, in steps of 5).
120 cells:
TSM-xxxNEG7MC(II), TSM-xxxNEG7MC.05(II),
TSM-xxxNEG7MC.25(II), TSM-xxxNEG7MC.07(II),
TSM-xxxNEG7MC.20(II), TSM-xxxNEG7MC.27(II),
TSM-xxxNEG7MC.28(II), TSM-xxxNEG7MC.29(II)
(xxx=325-360, in steps of 5).

mono series with 210.0 x 70.0 (mm) N type 1/3 cutting MBB bifacial cell:
150 cells:
TSM-xxxNEG18MC.20(II), TSM-xxxNEG18MC.25(II),
TSM-xxxNEG18MC.27(II), TSM-xxxNEG18MC.28(II),
TSM-xxxNEG18MC.29(II), TSM-xxxNEG18MC.30(II)
(xxx=500-520, in steps of 5).
120 cells:
TSM-xxxNEG9C.20, TSM-xxxNEG9C.25,
TSM-xxxNEG9C.27, TSM-xxxNEG9C.28,
TSM-xxxNEG9C.29
(xxx=390-430, in steps of 5).

mono series with 210.0 x 70.0 (mm) N type 1/3 cutting MBB bifacial cell:
(Module Type for rear side with white EVA or Glass white)
120 cells:
TSM-xxxNEG9.20, TSM-xxxNEG9.25,
TSM-xxxNEG9.27, TSM-xxxNEG9.28,
TSM-xxxNEG9.29
(xxx=390-430, in steps of 5).

mono series with 210.0 x 105.0 (mm) half cutting N type MBB bifacial cell:
120 cells:
TSM-xxxNEG20C.20, TSM-xxxNEG20C.25,
TSM-xxxNEG20C.27, TSM-xxxNEG20C.28,
TSM-xxxNEG20C.29, TSM-xxxNEG20C.70,
TSM-xxxNEG20C.C0 (xxx=580-670, in steps of 5).
110 cells:
TSM-xxxNEG19C.20, TSM-xxxNEG19C.25,
TSM-xxxNEG19C.27, TSM-xxxNEG19C.28,
TSM-xxxNEG19C.29 (xxx=530-570, in steps of 5).
132 cells:
TSM-xxxNEG21C.20, TSM-xxxNEG21C.25,
TSM-xxxNEG21C.27, TSM-xxxNEG21C.28,
TSM-xxxNEG21C.29, TSM-xxxNEG21C.70,
TSM-xxxNEG21C.88, TSM-xxxNEG21C.B0,

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**TSM-xxxNEG21C.22, TSM-xxxNEG21C.20K,
TSM-xxxNEG21C.20M
(xxx=635-740, in steps of 5),
64 cells:
TSM-xxxNEG9M5C.26(xxx=305-345, in steps of 5).
56 cells:
TSM-xxxNEG9M4C.26(xxx=265-300, in steps of 5).**

**mono series with 182.0 x 70.0 (mm) N type 1/3 cutting MBB bifacial cell:
144 cells:
TSM-xxxNEG9RC.20, TSM-xxxNEG9RC.25,
TSM-xxxNEG9RC.28, TSM-xxxNEG9RC.27,
TSM-xxxNEG9RC.29, TSM-xxxNEG9RC.B0,
TSM-xxxNEG9RC.B5, TSM-xxxNEG9RC.B8,
TSM-xxxNEG9RC.B7, TSM-xxxNEG9RC.B9,
TSM-xxxNED9RC.20, TSM-xxxNED9RC.25,
TSM-xxxNED9RC.28, TSM-xxxNED9RC.27,
TSM-xxxNED9RC.29
(xxx=375-460, in steps of 5).**

**mono series with 182.0 x 70.0 (mm) N type 1/3 cutting MBB bifacial cell:
(Module Type for rear side with white EVA or Glass white)
144 cells:
TSM-xxxNEG9R.20, TSM-xxxNEG9R.25,
TSM-xxxNEG9R.28, TSM-xxxNEG9R.27,
TSM-xxxNEG9R.29, TSM-xxxNEG9R.B0,
TSM-xxxNEG9R.B5, TSM-xxxNEG9R.B8,
TSM-xxxNEG9R.B7, TSM-xxxNEG9R.B9,
TSM-xxxNED9R.20, TSM-xxxNED9R.25,
TSM-xxxNED9R.28, TSM-xxxNED9R.27,
TSM-xxxNED9R.29
(xxx=375-470, in steps of 5).**

**mono series with 182.0 x 105.0 (mm) half cutting N type MBB bifacial cell:
132 cells:
TSM-xxxNEG19RC.20, TSM-xxxNEG19RC.25,
TSM-xxxNEG19RC.27, TSM-xxxNEG19RC.28,
TSM-xxxNEG19RC.29, TSM-xxxNEG19RC.70,
TSM-xxxNEG19RC.88, TSM-xxxNEG19RC.20K,
TSM-xxxNED19RC.20, TSM-xxxNED19RC.25,
TSM-xxxNED19RC.27, TSM-xxxNED19RC.28,
TSM-xxxNED19RC.29,(xxx=525-645, in steps of 5)**

**mono series with 182.0 x 105.0 (mm) half cutting N type MBB bifacial cell:
(Module Type for rear side with white EVA or Glass white)
132 cells:
TSM-xxxNEG19R.20, TSM-xxxNEG19R.25,
TSM-xxxNEG19R.27, TSM-xxxNEG19R.28,
TSM-xxxNEG19R.29, (xxx=525-635, in steps of 5).**

**108 cells
TSM-xxxNEG18R.20, TSM-xxxNEG18R.25,
TSM-xxxNEG18R.27, TSM-xxxNEG18R.28,**

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TSM-xxxNEG18R.29, (xxx=470-520, in steps of 5)

96 cells
TSM-xxxIEG9RH.25 (xxx=440-470, in steps of 5)

mono series with 182.0 x 105.0 (mm) half cutting N type MBB bifacial cell:
108 cells
TSM-xxxNEG18RC.20, TSM-xxxNEG18RC.25,
TSM-xxxNEG18RC.27, TSM-xxxNEG18RC.28,
TSM-xxxNEG18RC.29, (xxx=470-520, in steps of 5)

mono series with 182.0 x 91.0 (mm) or 182.2 x 91.875 (mm) half cutting N type MBB bifacial cell:
144 cells:
TSM-xxxNEG18C.20, TSM-xxxNEG18C.25,
TSM-xxxNEG18C.27, TSM-xxxNEG18C.28,
TSM-xxxNEG18C.29, (xxx=555-610, in steps of 5)

mono series with 182.2 x 91.875(mm) half cutting N type MBB bifacial cell:
156 cells:
TSM-xxxNEG20MC.20, TSM-xxxNEG20MC.25,
TSM-xxxNEG20MC.27, TSM-xxxNEG20MC.28,
TSM-xxxNEG20MC.29, (xxx=600-650, in steps of 5)

mono series with 158.75 x 79.375 (mm) half cutting N type MBB bifacial cell (for cells splicing technology):
156 cells:
TSM-xxxNEG15XC(II), TSM-xxxNEG15XC.05(II),
TSM-xxxNEG15XC.25(II), TSM-xxxNEG15XC.07(II),
TSM-xxxNEG15XC.20(II), TSM-xxxNEG15XC.27(II),
TSM-xxxNEG15XC.28(II), TSM-xxxNEG15XC.29(II)
(xxx=425-445, in steps of 5).

mono series with 158.75 x 79.375 (mm) half cutting MBB bifacial HJT cell:
(Horizontal version: the long side of the cell is parallel to the long side of the module)
156 cells:
TSM-xxxHEG15XKC.203, TSM-xxxHEG15XKC.253,
TSM-xxxHEG15XKC.273, TSM-xxxHEG15XKC.283,
TSM-xxxHEG15XKC.293 (xxx=435-455, in steps of 5).
182 cells:
TSM-xxxHEG15YKC.20, TSM-xxxHEG15YKC.25,
TSM-xxxHEG15YKC.27, TSM-xxxHEG15YKC.28,
TSM-xxxHEG15YKC.29 (xxx=515-530, in steps of 5).
168 cells:
TSM-xxxHEG15VKC.20, TSM-xxxHEG15VKC.25,
TSM-xxxHEG15VKC.27, TSM-xxxHEG15VKC.28,
TSM-xxxHEG15VKC.29 (xxx=475-485, in steps of 5).
130 cells:
TSM-xxxHEG6XKC.20, TSM-xxxHEG6XKC.25,
TSM-xxxHEG6XKC.27, TSM-xxxHEG6XKC.28,
TSM-xxxHEG6XKC.29 (xxx=370-375, in steps of 5).

mono series with 158.75 x 79.375 (mm) half cutting MBB bifacial HJT cell:
(Longitudinal version: the long side of the cell is parallel to the short

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side of the module)
156 cells:
TSM-xxxHEG15XC.20, TSM-xxxHEG15XC.25, TSM-xxxHEG15XC.27, TSM-xxxHEG15XC.28, TSM-xxxHEG15XC.29 (xxx=440-460, in steps of 5).
144 cells:
TSM-xxxHEG15C.20, TSM-xxxHEG15C.25, TSM-xxxHEG15C.27, TSM-xxxHEG15C.28, TSM-xxxHEG15C.29 (xxx=410-425, in steps of 5).
120 cells:
TSM-xxxHEG6C.20, TSM-xxxHEG6C.25, TSM-xxxHEG6C.27, TSM-xxxHEG6C.28, TSM-xxxHEG6C.29 (xxx=340-350, in steps of 5).

mono series with 210.0 x 105.0 (mm) half cutting MBB bifacial HJT cell:
132 cells:
TSM-xxxHEG21C.20, TSM-xxxHEG21C.25, TSM-xxxHEG21C.27, TSM-xxxHEG21C.28, TSM-xxxHEG21C.29 (xxx=680-740, in steps of 5).
120 cells:
TSM-xxxHEG20C.20, TSM-xxxHEG20C.25, TSM-xxxHEG20C.27, TSM-xxxHEG20C.28, TSM-xxxHEG20C.29 (xxx=585-620, in steps of 5).
110 cells:
TSM-xxxHEG19C.20, TSM-xxxHEG19C.25, TSM-xxxHEG19C.27, TSM-xxxHEG19C.28, TSM-xxxHEG19C.29 (xxx=530-565, in steps of 5).

mono series with 182.0 x 105.0 (mm) half cutting MBB bifacial HJT cell:
a)132 cells:
TSM-xxxHEG19RC.20(xxx=585-620, in steps of 5).

mono series with 157 x 31.4 (mm) 1/5 cutting cells:
336 cells:
TSM-xxxDEG5ZV(II), TSM-xxxDEG5ZV.05(II), TSM-xxxDEG5ZV.07(II), TSM-xxxDEG5ZV.40(II), TSM-xxxDEG5ZV.47(II) (xxx=305-330, in steps of 5).

poly series with 157 x 157 (mm) and 156 x 156 (mm) solar cells:
72 cells:
TSM-xxxPEG14, TSM-xxxPEG14.05, TSM-xxxPEG14.25, TSM-xxxPEG14.07, TSM-xxxPEG14.20, TSM-xxxPEG14.27, TSM-xxxPEG14.28, TSM-xxxPEG14.29, TSM-xxxPEG14.40, TSM-xxxPEG14.47 (xxx=315-360, in steps of 5);
TSM-xxxPEG14(II), TSM-xxxPEG14.05(II), TSM-xxxPEG14.25(II), TSM-xxxPEG14.07(II), TSM-xxxPEG14.20(II), TSM-xxxPEG14.27(II), TSM-xxxPEG14.28(II), TSM-xxxPEG14.29(II), TSM-xxxPEG14.40(II), TSM-xxxPEG14.47(II)
(xxx=315-360, in steps of 5).
60 cells:
TSM-xxxPEG5, TSM-xxxPEG5.05, TSM-xxxPEG5.25, TSM-xxxPEG5.07, TSM-xxxPEG5.20, TSM-xxxPEG5.27, TSM-xxxPEG5.28, TSM-xxxPEG5.29, TSM-xxxPEG5.40, TSM-xxxPEG5.47 (xxx=265-300, in steps of 5);
TSM-xxxPEG5(II), TSM-xxxPEG5.05(II), TSM-xxxPEG5.25(II), TSM-xxxPEG5.07(II), TSM-xxxPEG5.20(II), TSM-xxxPEG5.27(II), TSM-xxxPEG5.28(II), TSM-xxxPEG5.29(II), TSM-xxxPEG5.40(II), TSM-xxxPEG5.47(II) (xxx=265-300, in steps of 5).

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poly series with 158.75 x 158.75 (mm) solar cells:
72 cells:
TSM-xxxPEG15, TSM-xxxPEG15.05, TSM-xxxPEG15.25, TSM-xxxPEG15.07, TSM-xxxPEG15.20, TSM-xxxPEG15.27, TSM-xxxPEG15.28, TSM-xxxPEG15.29, TSM-xxxPEG15.40, TSM-xxxPEG15.47 (xxx=315-360, in steps of 5);
TSM-xxxPEG15(II), TSM-xxxPEG15.05(II), TSM-xxxPEG15.25(II), TSM-xxxPEG15.07(II), TSM-xxxPEG15.20(II), TSM-xxxPEG15.27(II), TSM-xxxPEG15.28(II), TSM-xxxPEG15.29(II), TSM-xxxPEG15.40(II), TSM-xxxPEG15.47(II) (xxx=315-360, in steps of 5).
60 cells:
TSM-xxxPEG6, TSM-xxxPEG6.05, TSM-xxxPEG6.25, TSM-xxxPEG6.07, TSM-xxxPEG6.20, TSM-xxxPEG6.27, TSM-xxxPEG6.28, TSM-xxxPEG6.29, TSM-xxxPEG6.40, TSM-xxxPEG6.47 (xxx=265-300, in steps of 5);
TSM-xxxPEG6(II), TSM-xxxPEG6.05(II), TSM-xxxPEG6.25(II), TSM-xxxPEG6.07(II), TSM-xxxPEG6.20(II), TSM-xxxPEG6.27(II), TSM-xxxPEG6.28(II), TSM-xxxPEG6.29(II), TSM-xxxPEG6.40(II), TSM-xxxPEG6.47(II) (xxx=265-300, in steps of 5).

poly series with 157 x 78.5 (mm) half cutting cell:
144 cells:
TSM-xxxPEG14H, TSM-xxxPEG14H.05, TSM-xxxPEG14H.25, TSM-xxxPEG14H.07, TSM-xxxPEG14H.20, TSM-xxxPEG14H.27, TSM-xxxPEG14H.28, TSM-xxxPEG14H.29, TSM-xxxPEG14H.40, TSM-xxxPEG14H.47 (xxx=330-360, in steps of 5);
TSM-xxxPEG14H(II), TSM-xxxPEG14H.05(II), TSM-xxxPEG14H.25(II), TSM-xxxPEG14H.07(II), TSM-xxxPEG14H.20(II), TSM-xxxPEG14H.27(II), TSM-xxxPEG14H.28(II), TSM-xxxPEG14H.29(II), TSM-xxxPEG14H.40(II), TSM-xxxPEG14H.47(II)
(xxx=330-360, in steps of 5).
120 cells:
TSM-xxxPEG5H, TSM-xxxPEG5H.05, TSM-xxxPEG5H.25, TSM-xxxPEG5H.07, TSM-xxxPEG5H.20, TSM-xxxPEG5H.27, TSM-xxxPEG5H.28, TSM-xxxPEG5H.29, TSM-xxxPEG5H.40, TSM-xxxPEG5H.47 (xxx=275-300, in steps of 5);
TSM-xxxPEG5H(II), TSM-xxxPEG5H.05(II), TSM-xxxPEG5H.25(II), TSM-xxxPEG5H.07(II), TSM-xxxPEG5H.20(II), TSM-xxxPEG5H.27(II), TSM-xxxPEG5H.28(II), TSM-xxxPEG5H.29(II), TSM-xxxPEG5H.40(II), TSM-xxxPEG5H.47(II)
(xxx=275-300, in steps of 5).

poly series with 158.75 x 79.375 (mm) half cutting cell:
144 cells:
TSM-xxxPEG15H, TSM-xxxPEG15H.05, TSM-xxxPEG15H.25, TSM-xxxPEG15H.07, TSM-xxxPEG15H.20, TSM-xxxPEG15H.27, TSM-xxxPEG15H.28, TSM-xxxPEG15H.29, TSM-xxxPEG15H.40, TSM-xxxPEG15H.47 (xxx=340-360, in steps of 5);
TSM-xxxPEG15H(II), TSM-xxxPEG15H.05(II), TSM-xxxPEG15H.25(II), TSM-xxxPEG15H.07(II), TSM-xxxPEG15H.20(II), TSM-xxxPEG15H.27(II), TSM-xxxPEG15H.28(II), TSM-xxxPEG15H.29(II), TSM-xxxPEG15H.40(II), TSM-xxxPEG15H.47(II)
(xxx=340-400, in steps of 5).
120 cells:
TSM-xxxPEG6H, TSM-xxxPEG6H.05, TSM-xxxPEG6H.25, TSM-xxxPEG6H.07, TSM-xxxPEG6H.20, TSM-xxxPEG6H.27, TSM-xxxPEG6H.28, TSM-xxxPEG6H.29, TSM-xxxPEG6H.40, TSM-xxxPEG6H.47 (xxx=280-300, in steps of 5);
TSM-xxxPEG6H(II), TSM-xxxPEG6H.05(II), TSM-xxxPEG6H.25(II), TSM-xxxPEG6H.07(II), TSM-xxxPEG6H.20(II), TSM-xxxPEG6H.27(II), TSM-xxxPEG6H.28(II), TSM-xxxPEG6H.29(II), TSM-xxxPEG6H.40(II), TSM-xxxPEG6H.47(II), (xxx=280-330, in steps of 5).

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poly series with 157 x 78.5 (mm) half cutting MBB cell:
144 cells:
TSM-xxxPEG14M(II), TSM-xxxPEG14M.05(II), TSM-xxxPEG14M.25(II), TSM-xxxPEG14M.07(II), TSM-xxxPEG14M.20(II), TSM-xxxPEG14M.27(II), TSM-xxxPEG14M.28(II), TSM-xxxPEG14M.29(II), TSM-xxxPEG14M.40(II), TSM-xxxPEG14M.47(II)
(xxx=330-360, in steps of 5).
120 cells:
TSM-xxxPEG5M(II), TSM-xxxPEG5M.05(II), TSM-xxxPEG5M.25(II), TSM-xxxPEG5M.07(II), TSM-xxxPEG5M.20(II), TSM-xxxPEG5M.27(II), TSM-xxxPEG5M.28(II), TSM-xxxPEG5M.29(II), TSM-xxxPEG5M.40(II), TSM-xxxPEG5M.47(II) (xxx=275-300, in steps of 5).

poly series with 158.75 x 79.375 (mm) half cutting MBB cell:
144 cells:
TSM-xxxPEG15M(II), TSM-xxxPEG15M.05(II), TSM-xxxPEG15M.25(II), TSM-xxxPEG15M.07(II), TSM-xxxPEG15M.20(II), TSM-xxxPEG15M.27(II), TSM-xxxPEG15M.28(II), TSM-xxxPEG15M.29(II), TSM-xxxPEG15M.40(II), TSM-xxxPEG15M.47(II)
(xxx=340-405, in steps of 5).
120 cells:
TSM-xxxPEG6M(II), TSM-xxxPEG6M.05(II), TSM-xxxPEG6M.25(II), TSM-xxxPEG6M.07(II), TSM-xxxPEG6M.20(II), TSM-xxxPEG6M.27(II), TSM-xxxPEG6M.28(II), TSM-xxxPEG6M.29(II), TSM-xxxPEG6M.40(II), TSM-xxxPEG6M.47(II) (xxx=280-335, in steps of 5).

poly series with 166 x 83 (mm) half cutting MBB cell:
144 cells:
TSM-xxxPEG17MC(II), TSM-xxxPEG17MC.05(II), TSM-xxxPEG17MC.25(II), TSM-xxxPEG17MC.07(II), TSM-xxxPEG17MC.20(II), TSM-xxxPEG17MC.27(II), TSM-xxxPEG17MC.28(II), TSM-xxxPEG17MC.29(II)
(xxx=410-445, in steps of 5).
120 cells:
TSM-xxxPEG8MC(II), TSM-xxxPEG8MC.05(II), TSM-xxxPEG8MC.25(II), TSM-xxxPEG8MC.07(II), TSM-xxxPEG8MC.20(II), TSM-xxxPEG8MC.27(II), TSM-xxxPEG8MC.28(II), TSM-xxxPEG8MC.29(II)
(xxx=350-365, in steps of 5).

poly series with 166 x 83 (mm) half cutting MBB cell:
(Module Type for rear side with white EVA or Glass white)
144 cells:
TSM-xxxPEG17M(II), TSM-xxxPEG17M.05(II), TSM-xxxPEG17M.25(II), TSM-xxxPEG17M.07(II), TSM-xxxPEG17M.20(II), TSM-xxxPEG17M.27(II), TSM-xxxPEG17M.28(II), TSM-xxxPEG17M.29(II)
(xxx=410-445, in steps of 5).
120 cells:
TSM-xxxPEG8M(II), TSM-xxxPEG8M.05(II), TSM-xxxPEG8M.25(II), TSM-xxxPEG8M.07(II), TSM-xxxPEG8M.20(II), TSM-xxxPEG8M.27(II), TSM-xxxPEG8M.28(II), TSM-xxxPEG8M.29(II) (xxx=350-365, in steps of 5).

poly series with 157 x 31.4 (mm) 1/5 cutting cells:
336 cells:
TSM-xxxPEG5ZV, TSM-xxxPEG5ZV.05, TSM-xxxPEG5ZV.07, TSM-xxxPEG5ZV.40, TSM-xxxPEG5ZV.47
(xxx=280-300, in steps of 5).

Smart PV modules:
(Module Type with junction box TSD301xy)
mono series with 210.0 x 105.0 (mm) half cutting MBB bifacial cell:
132 cells:

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TSM-xxxDEG21C.20S (xxx=625-675, in steps of 5)
120 cells:
TSM-xxxDEG20C.20S (xxx=570-605, in steps of 5)
110 cells:
TSM-xxxDEG19C.20S (xxx=525-555, in steps of 5)

mono series with 182 x 105 (mm) half cutting MBB bifacial cell:
132 cells:
TSM-xxxDEG19RC.20S (xxx=540-590, in steps of 5)

mono series with 182 x 70 (mm) 1/3 cutting MBB bifacial cell:
144 cells:
TSM-xxxDEG9RC.B7S (xxx=395-435, in steps of 5)

mono series with 182 x 70 (mm) 1/3 cutting MBB bifacial cell:
(Module Type for rear side with white EVA or Glass white)
144 cells:
TSM-xxxDEG9R.B0S, TSM-xxxDEG9R.B8S
(xxx=395-435, in steps of 5）

mono series with 210.0 x 70.0 (mm) 1/3 cutting MBB bifacial cell:
150 cells:
TSM-xxxDEG18MC.20S(II) (xxx=460-510, in steps of 5)

mono series with 210.0 x 70.0 (mm) 1/3 cutting MBB bifacial cell:
(Module Type for rear side with white EVA or Glass white)
150 cells:
TSM-xxxDEG18M.20S(II) (xxx=460-510, in steps of 5)

mono series with 210.0 x 105.0 (mm) half cutting N type MBB bifacial cell:
132 cells:
TSM-xxxNEG21C.20S (xxx=635-690, in steps of 5)

mono series with 182.0 x 105.0 (mm) half cutting N type MBB bifacial cell:
132 cells:
TSM-xxxNEG19RC.20S (xxx=565-595, in steps of 5)

mono series with 182.0 x 70.0 (mm) N type 1/3 cutting MBB bifacial cell:
(Module Type for rear side with white EVA or Glass white)
144 cells:
TSM-xxxNEG9R.20S, TSM-xxxNEG9R.28S (xxx=395-445, in steps of 5)
xxx stands for rated output power at STC

Parameters:

Construction:	Framed and Frameless with Junction box, Cable and Connectors.
Safety Class:	Class II
Maximum System Voltage:	1500 V DC
Fire Safety Class:	Class C according to UL 790
Test Laboratory:	Yangzhou Opto-Electrical Products Testing Institute Co., Ltd. No. 10 West Kaifa Road, Yangzhou, 225009 Jiangsu, P. R. China.

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Tested according to:

IEC 61215-1:2016
IEC 61215-1-1:2016
IEC 61215-2:2016
IEC 61730-1:2016
IEC 61730-2:2016
EN IEC 61730-1:2018
EN IEC 61730-2:2018
EN IEC 61730-1:2018/AC:2018-06
EN IEC 61730-2:2018/AC:2018-06

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