



Product Service

Attestation of Conformity

No. N8A 070321 0127 Rev. 23

Holder of Attestation: Trina Solar Co., Ltd.

No. 2 TianHe Road, Trina PV Industrial Park
New District
213031 Changzhou City, Jiangsu Province
PEOPLE'S REPUBLIC OF CHINA

Product:

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

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.: 64290170581758

Date, 2023-03-31

(David Bo)

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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).

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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)
(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:

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:

144 cells:

TSM-xxxDEG15M(II), TSM-xxxDEG15M.07(II),
TSM-xxxDEG15M.20(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)

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(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).

mono series with 166.0 x 83.0 (mm) half cutting MBB cells:

144 cells:

TSM-xxxDEG17M(II), TSM-xxxDEG17M.07(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:

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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 bifacial cell:

144 cells:

TSM-xxxDEG15MC(II), TSM-xxxDEG15MC.05(II), TSM-
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 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),

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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),
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 (xxx=570-605, 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
(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:

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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,
TSM-xxxDEG19RC.B5, TSM-xxxDEG19RC.B7,
TSM-xxxDEG19RC.B8, TSM-xxxDEG19RC.B9,
TSM-xxxDEG19RC.20W (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)

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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:

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=350-370, 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=295-305, 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:

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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=295-330, 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),
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-xxxNEG7M.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),

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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=390-415, 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=325-345, 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 (xxx=580-625, 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 (xxx=635-690, 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,

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TSM-xxxNEG9RC.B7, TSM-xxxNEG9RC.B9,
(xxx=375-445, 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,
(xxx=375-445, 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, (xxx=525-605, 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=525-605, 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:

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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 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:

(Longitudinal version: the long side of the cell is parallel to the short side of the module)

132 cells:

TSM-xxxHEG21C.20, TSM-xxxHEG21C.25,
TSM-xxxHEG21C.27, TSM-xxxHEG21C.28,
TSM-xxxHEG21C.29 (xxx=640-685, 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 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).

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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).

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:

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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).

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),

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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).

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 or Class A according to UL 790
Test Laboratory:	Yangzhou Opto-Electrical Products Testing Institute, No. 10 West Kaifa Road, Yangzhou, 225009 Jiangsu, P. R. China.

Tested according to:

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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This Attestation does not replace the regulatory EU Declaration of Conformity (DoC) and does not allow for CE marking. After preparation of the necessary documentation and establishing compliance to requirements of all applicable directives, the manufacturer may sign a DoC and apply the CE marking. The DoC is issued under the sole responsibility of the manufacturer.

