

CERTIFICATE

TÜV NORD CERT GmbH
herewith declares that

ECO DELTA POWER CO., LTD

No.26, Black Peony Science & Technology Park, Tianning,
Changzhou City, Jiangsu Province
P.R. China

is authorized to provide the product mentioned below with the mark as illustrated:

Description of product (details see Annex 2):

Crystalline Silicon Terrestrial Photovoltaic (PV) modules



Valid from: 2022-03-30

Valid until: 2027-10-19

Certification program:	P12-VA-01 Rev. 17 09.20
Certification fundamental(s):	IEC / EN 61215-1:2016; IEC / EN 61215-1-1:2016; IEC 61215-2:2016 / EN 61215-2:2017 + AC:2017 + AC:2018; IEC 61730-1:2016 / EN IEC 61730-1:2018 + AC:2018; IEC 61730-2:2016 / EN IEC 61730-2:2018 + AC:2018.
Registered No.:	44 780 22 406749 - 064
Manufacturer:	see Annex 1
Test Report No.:	492011839.001
File No.:	PVP09081/21P



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Essen, 2022-03-30

Please also pay attention to the information stated overleaf.

Description of product(s):

Module types:

PV Modules with Segmented 6" PERC Mono-crystalline Silicon Solar Cells

ECO-xxxM-78S (xxx = 445-480, in increment of 5)
ECO-xxxM-78SA (xxx = 445-480, in increment of 5)
ECO-xxxM-78SAF (xxx = 445-480, in increment of 5)
ECO-xxxM-78SAS (xxx = 445-480, in increment of 5)
ECO-xxxM-78BS (xxx = 445-480, in increment of 5)
ECO-xxxM-78BSA (xxx = 445-480, in increment of 5)
ECO-xxxM-78BSAF (xxx = 445-480, in increment of 5)
ECO-xxxM-78BSAS (xxx = 445-480, in increment of 5)
ECO-xxxM-72S (xxx = 395-455, in increment of 5)
ECO-xxxM-72SA (xxx = 420-455, in increment of 5)
ECO-xxxM-72SAF (xxx = 420-455, in increment of 5)
ECO-xxxM-72SAS (xxx = 420-455, in increment of 5)
ECO-xxxM-72SB (xxx = 460-500, in increment of 5)
ECO-xxxM-72SBF (xxx = 460-500, in increment of 5)
ECO-xxxM-72SBS (xxx = 460-500, in increment of 5)
ECO-xxxM-72BSB (xxx = 460-500, in increment of 5)
ECO-xxxM-72BSBF (xxx = 460-500, in increment of 5)
ECO-xxxM-72BSBS (xxx = 460-500, in increment of 5)
ECO-xxxM-72SF (xxx = 395-435, in increment of 5)
ECO-xxxM-72SS (xxx = 395-435, in increment of 5)
ECO-xxxM-72BS (xxx = 395-455, in increment of 5)
ECO-xxxM-72BSA (xxx = 420-455, in increment of 5)
ECO-xxxM-72BSAF (xxx = 420-455, in increment of 5)
ECO-xxxM-72BSAS (xxx = 420-455, in increment of 5)
ECO-xxxM-72BSF (xxx = 395-435, in increment of 5)
ECO-xxxM-72BSS (xxx = 395-435, in increment of 5)
ECO-xxxM-66S (xxx = 370-400, in increment of 5)
ECO-xxxM-66SA (xxx = 370-400, in increment of 5)
ECO-xxxM-66SAF (xxx = 370-400, in increment of 5)
ECO-xxxM-66SAS (xxx = 370-400, in increment of 5)
ECO-xxxM-66BS (xxx = 370-400, in increment of 5)
ECO-xxxM-66BSA (xxx = 370-400, in increment of 5)
ECO-xxxM-66BSAF (xxx = 370-400, in increment of 5)
ECO-xxxM-66BSAS (xxx = 370-400, in increment of 5)
ECO-xxxM-60S (xxx = 325-380, in increment of 5)
ECO-xxxM-60SA (xxx = 350-380, in increment of 5)

ECO-xxxM-60SAF (xxx = 350-380, in increment of 5)
ECO-xxxM-60SAS (xxx = 350-380, in increment of 5)
ECO-xxxM-60SB (xxx = 380-415, in increment of 5)
ECO-xxxM-60SBF (xxx = 380-415, in increment of 5)
ECO-xxxM-60SBS (xxx = 380-415, in increment of 5)
ECO-xxxM-60BSB (xxx = 380-415, in increment of 5)
ECO-xxxM-60BSBF (xxx = 380-415, in increment of 5)
ECO-xxxM-60BSBS (xxx = 380-415, in increment of 5)
ECO-xxxM-60SF (xxx = 325-360, in increment of 5)
ECO-xxxM-60SS (xxx = 325-360, in increment of 5)
ECO-xxxM-60BS (xxx = 325-380, in increment of 5)
ECO-xxxM-60BSA (xxx = 350-380, in increment of 5)
ECO-xxxM-60BSAF (xxx = 350-380, in increment of 5)
ECO-xxxM-60BSAS (xxx = 350-380, in increment of 5)
ECO-xxxM-60BSF (xxx = 325-360, in increment of 5)
ECO-xxxM-60BSS (xxx = 325-360, in increment of 5)

Maximum system voltage:	1500V
Fuse rating:	20A
Electrical protection class:	Class II
Pollution degree:	1
Material group:	III or II or I, refer to test report for details
Design load (positive / negative):	2400Pa / 2400Pa or 3600Pa / 1600Pa, refer to test report for details
Safety factors:	1.5
Fire safety class:	Class C according to ANSI/UL 1703-2018 (as per ANSI/UL 790-2018)



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Module types:

PV Modules with Segmented 8" PERC Mono-crystalline Silicon Solar Cells

ECO-xxxM-68SC (xxx = 635-655, in increment of 5)
ECO-xxxM-68BSC (xxx = 635-660, in increment of 5)
ECO-xxxM-57SC (xxx = 530-545, in increment of 5)
ECO-xxxM-57BSC (xxx = 530-550, in increment of 5)
ECO-xxxM-69SC (xxx = 645-655, in increment of 5)
ECO-xxxM-69BSC (xxx = 645-670, in increment of 5)
ECO-xxxM-65SC (xxx = 605-625, in increment of 5)
ECO-xxxM-65BSC (xxx = 605-630, in increment of 5)
ECO-xxxM-58SC (xxx = 535-550, in increment of 5)
ECO-xxxM-58BSC (xxx = 535-555, in increment of 5)
ECO-xxxM-54SC (xxx = 505-520, in increment of 5)
ECO-xxxM-54BSC (xxx = 505-525, in increment of 5)
ECO-xxxM-46SC (xxx = 425-445, in increment of 5)
ECO-xxxM-46SCS (xxx = 425-445, in increment of 5)
ECO-xxxM-46SCF (xxx = 420-440, in increment of 5)
ECO-xxxM-44SC (xxx = 405-425, in increment of 5)
ECO-xxxM-44SCS (xxx = 405-425, in increment of 5)
ECO-xxxM-44SCF (xxx = 400-420, in increment of 5)

Maximum system voltage:	1500V
Fuse rating:	30A or 25A, refer to test report for details
Electrical protection class:	Class II
Pollution degree:	1
Material group:	III or II or I, refer to test report for details
Design load (positive / negative):	3600Pa / 1600Pa, refer to test report for details
Safety factors:	1.5
Fire safety class:	Class C according to ANSI/UL 1703-2018 (as per ANSI/UL 790-2018)

Remark:

For detailed product information, please refer to test report.



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