

# CERTIFICATE

**TÜV NORD CERT GmbH**

herewith declares that

**HENGDIAN GROUP DMEGC MAGNETICS CO., LTD.**

Hengdian Industrial Zone  
Dongyang City, Zhejiang Province, 322118,  
P.R. China

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

**Description of product (details see Annex 2):**

**Double Glass PV Modules with 6" Half-Cut Mono-crystalline Silicon  
Bifacial Solar Cells**

**Double Glass PV Modules with 7" Half-Cut Mono-crystalline Silicon  
Bifacial Solar Cells**




Valid from: 2021-09-17

Valid until: 2026-09-16

Certification program:	P12-VA-01 Rev. 17 09.20
Certification fundamental(s):	P12.4-AA-04 Rev. 00 (IEC 60068-2-68:1994 modified)
Remark:	Test Method Lc1; Dust concentration: $5\pm 1.5\text{g/m}^3$ ; Wind velocity: $20\pm 2\text{m/s}$ ; Test duration: 4 hours each side.
Registered No.:	44 780 21 406749 - 197
Manufacturer:	see Annex 1
Test Report No.:	492011806.001
File No.:	PVP06054/21P-01



Essen, 2021-09-17

  
**TÜV NORD CERT GmbH**  
Certification Body  
Consumer Products

Please also pay attention to the information stated overleaf.

Anlage 1 zum Zertifikat Nr.: / Annex 1 to Certificate No.: 44 780 21 406749 - 197

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Aktenzeichen: / File reference: PVP06054/21P-01

2021-09-17

**Manufacturer:**

Manufacturer: **HENGDIAN GROUP DMEGC MAGNETICS CO., LTD.**  
Hengdian Industrial Zone  
Dongyang City, Zhejiang Province, 322118, P.R. China

Factory inspection report no.: 862010401.002

**Remark:**

Factory inspection is mandatory to be performed annually. Please refer to factory inspection report for detailed information.

A handwritten signature in blue ink, appearing to read "Rogers" or similar, written in a cursive style.

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**Description of product(s):**

Module types:

**Double Glass PV Modules with 6" Half-Cut Mono-crystalline Silicon Bifacial Solar Cells:**

144 cells: DMxxxM6-B72HSW (xxx=420-445, in step of 5)

144 cells: DMxxxM6-B72HBW (xxx=420-445, in step of 5)

144 cells: DMxxxM6-B72HBT (xxx=420-445, in step of 5)

144 cells: DMxxxM6-B72HST (xxx=420-445, in step of 5)

120 cells: DMxxxM6-B60HSW (xxx=350-370, in step of 5)

120 cells: DMxxxM6-B60HBW (xxx=350-370, in step of 5)

120 cells: DMxxxM6-B60HBT (xxx=350-370, in step of 5)

120 cells: DMxxxM6-B60HST (xxx=350-370, in step of 5)

144 cells: GHxxxM6-B72HSW (xxx=420-445, in step of 5)

144 cells: GHxxxM6-B72HST (xxx=420-445, in step of 5)

120 cells: GHxxxM6-B60HSW (xxx=350-370, in step of 5)

120 cells: GHxxxM6-B60HST (xxx=350-370, in step of 5)

Remark: The power parameter included in the module types only indicates maximum power output of front side.

Maximum system voltage:

1500V

Fuse rating:

25A

Application class:

Class A

Electrical protection class:

Class II

Module types:

**Double Glass PV Modules with 7" Half-Cut Mono-crystalline Silicon Bifacial Solar Cells:**

144 cells: DMxxxM10-B72HSW (xxx=525-550, in step of 5)

144 cells: DMxxxM10-B72HBW (xxx=525-550, in step of 5)

144 cells: DMxxxM10-B72HBT (xxx=525-550, in step of 5)

144 cells: DMxxxM10-B72HST (xxx=525-550, in step of 5)

120 cells: DMxxxM10-B60HSW (xxx=440-455, in step of 5)

120 cells: DMxxxM10-B60HBW (xxx=440-455, in step of 5)

120 cells: DMxxxM10-B60HBT (xxx=440-455, in step of 5)

120 cells: DMxxxM10-B60HST (xxx=440-455, in step of 5)

108 cells: DMxxxM10-B54HSW (xxx=395-410, in step of 5)

108 cells: DMxxxM10-B54HBW (xxx=395-410, in step of 5)

108 cells: DMxxxM10-B54HBT (xxx=395-410, in step of 5)

108 cells: DMxxxM10-B54HST (xxx=395-410, in step of 5)



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Remark: The power parameter included in the module types only indicates maximum power output of front side.

Maximum system voltage:	1500V
Fuse rating:	30A
Application class:	Class A
Electrical protection class:	Class II

Remark:

For detailed product information, please refer to CDF (Constructional Data Form) in Annex 1 of test report.