



Product Service

CERTIFICATE

No. Z2 076043 0116 Rev. 06

Holder of Certificate: **Hengdian Group DMEGC Magnetics CO., LTD**
Hengdian Industrial Zone
322118 Dongyang, Zhejiang
PEOPLE'S REPUBLIC OF CHINA

Certification Mark:



Product: **Crystalline Silicon Terrestrial Photovoltaic (PV) Modules**
Mono-crystalline Silicon Photovoltaic Module

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.: 704062202041-06

Valid until: 2029-05-07

Date, 2024-05-08

(Zhulin Zhang)

ZERTIFIKAT ◆ CERTIFICATE ◆ 認證證書 ◆ CERTIFICADO ◆ CERTIFICAT

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Model(s):

1000V system voltage PV modules:

DMxxxM10T-78HBB, (xxx=605-650, 156 cells)
DMxxxM10T-78HSW, (xxx=605-650, 156 cells)
DMxxxM10T-78HBW, (xxx=605-650, 156 cells)
DMxxxM10T-72HBB, (xxx=550-600, in steps of 5, 144 cells)
DMxxxM10T-72HSW, (xxx=550-600, in steps of 5, 144 cells)
DMxxxM10T-72HBW, (xxx=550-600, in steps of 5, 144 cells)
DMxxxM10T-66HBB, (xxx=505-550, in steps of 5, 132 cells)
DMxxxM10T-66HSW, (xxx=505-550, in steps of 5, 132 cells)
DMxxxM10T-66HBW, (xxx=505-550, in steps of 5, 132 cells)
DMxxxM10T-60HBB, (xxx=455-500, in steps of 5, 120 cells)
DMxxxM10T-60HSW, (xxx=455-500, in steps of 5, 120 cells)
DMxxxM10T-60HBW, (xxx=455-500, in steps of 5, 120 cells)
DMxxxM10T-54HBB, (xxx=410-450, in steps of 5, 108 cells)
DMxxxM10T-54HSW, (xxx=410-450, in steps of 5, 108 cells)
DMxxxM10T-54HBW, (xxx=410-450, in steps of 5, 108 cells)
DMxxxM10RT-60HBB, (xxx=480-505, in steps of 5, 120 cells)
DMxxxM10RT-60HSW, (xxx=480-505, in steps of 5, 120 cells)
DMxxxM10RT-60HBW, (xxx=480-505, in steps of 5, 120 cells)
DMxxxM10RT-54HBB, (xxx=425-455, in steps of 5, 108 cells)
DMxxxM10RT-54HSW, (xxx=425-455, in steps of 5, 108 cells)
DMxxxM10RT-54HBW, (xxx=425-455, in steps of 5, 108 cells)
GHxxxM10T-78HBB, (xxx=605-650, in steps of 5, 156 cells)
GHxxxM10T-78HSW, (xxx=605-650, in steps of 5, 156 cells)
GHxxxM10T-78HBW, (xxx=605-650, in steps of 5, 156 cells)
GHxxxM10T-72HBB, (xxx=550-600, in steps of 5, 144 cells)
GHxxxM10T-72HSW, (xxx=550-600, in steps of 5, 144 cells)
GHxxxM10T-72HBW, (xxx=550-600, in steps of 5, 144 cells)
GHxxxM10T-66HBB, (xxx=505-550, in steps of 5, 132 cells)
GHxxxM10T-66HSW, (xxx=505-550, in steps of 5, 132 cells)
GHxxxM10T-66HBW, (xxx=505-550, in steps of 5, 132 cells)
GHxxxM10T-60HBB, (xxx=455-500, in steps of 5, 120 cells)
GHxxxM10T-60HSW, (xxx=455-500, in steps of 5, 120 cells)
GHxxxM10T-60HBW, (xxx=455-500, in steps of 5, 120 cells)
GHxxxM10T-54HBB, (xxx=410-450, in steps of 5, 108 cells)
GHxxxM10T-54HSW, (xxx=410-450, in steps of 5, 108 cells)
GHxxxM10T-54HBW, (xxx=410-450, in steps of 5, 108 cells)
GHxxxM10RT-60HBB, (xxx=480-505, in steps of 5, 120 cells)
GHxxxM10RT-60HSW, (xxx=480-505, in steps of 5, 120 cells)
GHxxxM10RT-60HBW, (xxx=480-505, in steps of 5, 120 cells)
GHxxxM10RT-54HBB, (xxx=425-455, in steps of 5, 108 cells)
GHxxxM10RT-54HSW, (xxx=425-455, in steps of 5, 108 cells)
GHxxxM10RT-54HBW, (xxx=425-455, in steps of 5, 108 cells)
DMxxxG12RT-66HSW, (xxx=595-605, in steps of 5, 132cells)
GHxxxG12RT-66HSW, (xxx=595-605, in steps of 5, 132cells)
DMxxxG12RT-66HBW, (xxx=595-605, in steps of 5, 132cells)
GHxxxG12RT-66HBW, (xxx=595-605, in steps of 5, 132cells)
DMxxxG12RT-66HBB, (xxx=595-605, in steps of 5, 132cells)
GHxxxG12RT-66HBB, (xxx=595-605, in steps of 5, 132cells)
DMxxxM10T-72HSW-P, (xxx=550-600, in steps of 5)
DMxxxM10T-72HBW-P, (xxx=550-600, in steps of 5)
DMxxxM10T-72HBB-P, (xxx=550-600, in steps of 5)
DMxxxM10T-60HSW-P, (xxx=455-500, in steps of 5)
DMxxxM10T-60HBW-P, (xxx=455-500, in steps of 5)
DMxxxM10T-60HBB-P, (xxx=455-500, in steps of 5)
DMxxxM10T-54HSW-P, (xxx=410-450, in steps of 5)
DMxxxM10T-54HBW-P, (xxx=410-450, in steps of 5)
DMxxxM10T-54HBB-P, (xxx=410-450, in steps of 5)
DMxxxM10T-66HSW-P, (xxx=505-550, in steps of 5)
DMxxxM10T-66HBW-P, (xxx=505-550, in steps of 5)
DMxxxM10T-66HBB-P, (xxx=505-550, in steps of 5)
DMxxxM10T-78HSW-P, (xxx=605-650, in step of 5)
DMxxxM10T-78HBW-P, (xxx=605-650, in step of 5)
DMxxxM10T-78HBB-P, (xxx=605-650, in step of 5)
GHxxxM10T-72HSW-P, (xxx=550-600, in steps of 5)
GHxxxM10T-72HBW-P, (xxx=550-600, in steps of 5)
GHxxxM10T-72HBB-P, (xxx=550-600, in steps of 5)
GHxxxM10T-60HSW-P, (xxx=455-500, in steps of 5)
GHxxxM10T-60HBW-P, (xxx=455-500, in steps of 5)
GHxxxM10T-60HBB-P, (xxx=455-500, in steps of 5)

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GHxxxM10T-54HSW-P, (xxx=410-450, in steps of 5)
GHxxxM10T-54HBW-P, (xxx=410-450, in steps of 5)
GHxxxM10T-54HBB-P, (xxx=410-450, in steps of 5)
GHxxxM10T-66HSW-P, (xxx=505-550, in steps of 5)
GHxxxM10T-66HBW-P, (xxx=505-550, in steps of 5)
GHxxxM10T-66HBB-P, (xxx=505-550, in steps of 5)
GHxxxM10T-78HSW-P, (xxx=605-650, in steps of 5)
GHxxxM10T-78HBW-P, (xxx=605-650, in steps of 5)
GHxxxM10T-78HBB-P, (xxx=605-650, in steps of 5)
xxx is standing for the rated power at STC

1500V System Voltage PV modules:

DMxxxM10T-78HBB-V, (xxx=605-650, 156 cells)
DMxxxM10T-78HSW-V, (xxx=605-650, 156 cells)
DMxxxM10T-78HBW-V, (xxx=605-650, 156 cells)
DMxxxM10T-72HBB-V, (xxx=550-600, in steps of 5, 144 cells)
DMxxxM10T-72HSW-V, (xxx=550-600, in steps of 5, 144 cells)
DMxxxM10T-72HBW-V, (xxx=550-600, in steps of 5, 144 cells)
DMxxxM10T-66HBB-V, (xxx=505-550, in steps of 5, 132 cells)
DMxxxM10T-66HSW-V, (xxx=505-550, in steps of 5, 132 cells)
DMxxxM10T-66HBW-V, (xxx=505-550, in steps of 5, 132 cells)
DMxxxM10T-60HBB-V, (xxx=455-500, in steps of 5, 120 cells)
DMxxxM10T-60HSW-V, (xxx=455-500, in steps of 5, 120 cells)
DMxxxM10T-60HBW-V, (xxx=455-500, in steps of 5, 120 cells)
DMxxxM10T-54HBB-V, (xxx=410-450, in steps of 5, 108 cells)
DMxxxM10T-54HSW-V, (xxx=410-450, in steps of 5, 108 cells)
DMxxxM10T-54HBW-V, (xxx=410-450, in steps of 5, 108 cells)
DMxxxM10RT-60HBB-V, (xxx=480-505, in steps of 5, 120 cells)
DMxxxM10RT-60HSW-V, (xxx=480-505, in steps of 5, 120 cells)
DMxxxM10RT-60HBW-V, (xxx=480-505, in steps of 5, 120 cells)
DMxxxM10RT-54HBB-V, (xxx=425-455, in steps of 5, 108 cells)
DMxxxM10RT-54HSW-V, (xxx=425-455, in steps of 5, 108 cells)
DMxxxM10RT-54HBW-V, (xxx=425-455, in steps of 5, 108 cells)
GHxxxM10T-78HBB-V, (xxx=605-650, in steps of 5, 156 cells)
GHxxxM10T-78HSW-V, (xxx=605-650, in steps of 5, 156 cells)
GHxxxM10T-78HBW-V, (xxx=605-650, in steps of 5, 156 cells)
GHxxxM10T-72HBB-V, (xxx=550-600, in steps of 5, 144 cells)
GHxxxM10T-72HSW-V, (xxx=550-600, in steps of 5, 144 cells)
GHxxxM10T-72HBW-V, (xxx=550-600, in steps of 5, 144 cells)
GHxxxM10T-66HBB-V, (xxx=505-550, in steps of 5, 132 cells)
GHxxxM10T-66HSW-V, (xxx=505-550, in steps of 5, 132 cells)
GHxxxM10T-66HBW-V, (xxx=505-550, in steps of 5, 132 cells)
GHxxxM10T-60HBB-V, (xxx=455-500, in steps of 5, 120 cells)
GHxxxM10T-60HSW-V, (xxx=455-500, in steps of 5, 120 cells)
GHxxxM10T-60HBW-V, (xxx=455-500, in steps of 5, 120 cells)
GHxxxM10T-54HBB-V, (xxx=410-450, in steps of 5, 108 cells)
GHxxxM10T-54HSW-V, (xxx=410-450, in steps of 5, 108 cells)
GHxxxM10T-54HBW-V, (xxx=410-450, in steps of 5, 108 cells)
GHxxxM10RT-60HBB-V, (xxx=480-505, in steps of 5, 120 cells)
GHxxxM10RT-60HSW-V, (xxx=480-505, in steps of 5, 120 cells)
GHxxxM10RT-60HBW-V, (xxx=480-505, in steps of 5, 120 cells)
GHxxxM10RT-54HBB-V, (xxx=425-455, in steps of 5, 108 cells)
GHxxxM10RT-54HSW-V, (xxx=425-455, in steps of 5, 108 cells)
GHxxxM10RT-54HBW-V, (xxx=425-455, in steps of 5, 108 cells)
DMxxxG12RT-66HSW-V, (xxx=595-605, in steps of 5, 132cells)
GHxxxG12RT-66HSW-V, (xxx=595-605, in steps of 5, 132cells)
DMxxxG12RT-66HBW-V, (xxx=595-605, in steps of 5, 132cells)
GHxxxG12RT-66HBW-V, (xxx=595-605, in steps of 5, 132cells)
DMxxxG12RT-66HBB-V, (xxx=595-605, in steps of 5, 132cells)
GHxxxG12RT-66HBB-V, (xxx=595-605, in steps of 5, 132cells)
DMxxxM10T-72HSW-PV, (xxx=550-600, in steps of 5)
DMxxxM10T-72HBW-PV, (xxx=550-600, in steps of 5)
DMxxxM10T-72HBB-PV, (xxx=550-600, in steps of 5)
DMxxxM10T-60HSW-PV, (xxx=455-500, in steps of 5)
DMxxxM10T-60HBW-PV, (xxx=455-500, in steps of 5)
DMxxxM10T-60HBB-PV, (xxx=455-500, in steps of 5)
DMxxxM10T-54HSW-PV, (xxx=410-450, in steps of 5)
DMxxxM10T-54HBW-PV, (xxx=410-450, in steps of 5)
DMxxxM10T-54HBB-PV, (xxx=410-450, in steps of 5)
DMxxxM10T-66HSW-PV, (xxx=505-550, in steps of 5)

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DMxxxM10T-66HBW-PV, (xxx=505-550, in steps of 5)
DMxxxM10T-66HBB-PV, (xxx=505-550, in steps of 5)
DMxxxM10T-78HSW-PV, (xxx=605-650, in steps of 5)
DMxxxM10T-78HBW-PV, (xxx=605-650, in steps of 5)
DMxxxM10T-78HBB-PV, (xxx=605-650, in steps of 5)
GHxxxM10T-72HSW-PV, (xxx=550-600, in steps of 5)
GHxxxM10T-72HBW-PV, (xxx=550-600, in steps of 5)
GHxxxM10T-72HBB-PV, (xxx=550-600, in steps of 5)
GHxxxM10T-60HSW-PV, (xxx=455-500, in steps of 5)
GHxxxM10T-60HBW-PV, (xxx=455-500, in steps of 5)
GHxxxM10T-60HBB-PV, (xxx=455-500, in steps of 5)
GHxxxM10T-54HSW-PV, (xxx=410-450, in steps of 5)
GHxxxM10T-54HBW-PV, (xxx=410-450, in steps of 5)
GHxxxM10T-54HBB-PV, (xxx=410-450, in steps of 5)
GHxxxM10T-66HSW-PV, (xxx=505-550, in steps of 5)
GHxxxM10T-66HBW-PV, (xxx=505-550, in steps of 5)
GHxxxM10T-66HBB-PV, (xxx=505-550, in steps of 5)
GHxxxM10T-78HSW-PV, (xxx=605-650, in steps of 5)
GHxxxM10T-78HBW-PV, (xxx=605-650, in steps of 5)
GHxxxM10T-78HBB-PV, (xxx=605-650, in steps of 5)
xxx is standing for the rated power at STC

Parameters:

Fire Safety Class:	Class C according to UL790
Safety Class:	Class II
Max. System Voltage:	1500V DC
Test Laboratory:	Changzhou HuaYang Inspection and Testing Technology Co., Ltd. No.8 Lanxiang Road, Wujin Economis Development Zone, Changzhou, 213100 Jiangsu, P. R. China.
Construction:	Framed, with Junction box, cable and connectors.

Tested according to:

IEC 61215-1:2021
IEC 61215-1-1:2021
IEC 61215-2:2021
IEC 61730-1:2023
IEC 61730-2:2023
EN IEC 61215-1-1:2021
EN IEC 61215-1:2021
EN IEC 61215-2:2021
EN IEC 61730-1:2018
EN IEC 61730-2:2018