



Product Service

# CERTIFICATE

No. Z2 084752 0034 Rev. 02

**Holder of Certificate:** München Energieprodukte GmbH  
Stethaimerstr. 32-34  
84034 Landshut  
GERMANY

**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 and certification regulations of TÜV SÜD Group have to be complied. For details see: [www.tuvsud.com/ps-cert](http://www.tuvsud.com/ps-cert)

**Test report no.:** 701262104101-02

**Valid until:** 2028-07-24

**Date,** 2023-08-25

( Zhulin Zhang )



# CERTIFICATE

No. Z2 084752 0034 Rev. 02

**Model(s):**

MSMDxxxM6-72,xxx=415 to 460 in step of 5  
 MSMDxxxM6-60,xxx=345 to 380 in step of 5  
 MSMDxxxM3-72,xxx= 395 to 420 in step of 5  
 MSMDxxxM3-60,xxx= 330 to 350 in step of 5  
 MSMDxxxM6-78,xxx= 450 to 495 in step of 5  
 MSMDxxxM6-66,xxx= 380 to 420 in step of 5  
 MSMDxxxM6-HD72NBG,xxx=440 to 465 in step of 5  
 MSMDxxxM6-HD66NBG,xxx=405 to 425 in step of 5  
 MSMDxxxM6-HD60NBG,xxx=370 to 385 in step of 5  
 MSMDxxxM6-HD54NBG,xxx=330 to 345 in step of 5  
 MSMDxxxM10-HD72NBG, xxx=505 to 545 in step of 5  
 MSMDxxxM10-HD66NBG,xxx=465 to 500 in step of 5  
 MSMDxxxM10-HD60NBG,xxx=420 to 455 in step of 5  
 MSMDxxxM10-HD54NBG, xxx=380 to 405 in step of 5  
 MSMDxxxM12-66,xxx=650 to 670 in step of 5  
 MSMDxxxM10-54,xxx=390 to 410 in step of 5  
 MSMDxxxM6-54,xxx=315 to 340 in step of 5  
 MSMDxxxM10-78,xxx=560 to 595 in step of 5  
 MSMDxxxM10-72,xxx=530 to 550 in step of 5  
 MSMDxxxM10-66,xxx=480 to 500 in step of 5  
 MSMDxxxM10-60,xxx=435 to 455 in step of 5  
 MSMDxxxM12-55,xxx=545 to 555 in step of 5  
 MSMDxxxM12-50,xxx=495 to 505 in step of 5  
 MSMDxxxM12-HD66NBG,xxx=630 to 660, in step of 5  
 MSMDxxxM12-HD60NBG,xxx=570 to 600, in step of 5  
 MSMDxxxM12-HD54NBG,xxx=510 to 540, in step of 5  
 MSMDxxxM12-HD55NBG,xxx=525 to 550, in step of 5  
 MSMDxxxM12-HD50NBG,xxx=480 to 500, in step of 5  
 MSMDxxxM12N-132BG,xxx=660 to 690, in step of 5  
 MSMDxxxM12N-120BG,xxx=600 to 625, in step of 5  
 MSMDxxxM12N-110BG,xxx=550 to 575, in step of 5  
 MSMDxxxM12N-100BG,xxx=500 to 520, in step of 5  
 MSMDxxxM12N-132,xxx=660 to 690, in step of 5  
 MSMDxxxM12N-120,xxx=600 to 625, in step of 5  
 MSMDxxxM12N-110,xxx=550 to 575, in step of 5  
 MSMDxxxM12N-100,xxx=500 to 520, in step of 5  
 MSMDxxxM10N-144BG,xxx=555 to 585, in step of 5  
 MSMDxxxM10N-120BG,xxx=465 to 485, in step of 5  
 MSMDxxxM10N-108BG,xxx=415 to 435, in step of 5  
 MSMDxxxM10N-144,xxx=555 to 585, in step of 5  
 MSMDxxxM10N-120,xxx=465 to 485, in step of 5  
 MSMDxxxM10N-108,xxx=415 to 435, in step of 5  
 xxx is standing for rated output power at STC.



# CERTIFICATE

No. Z2 084752 0034 Rev. 02

## Parameters:

Safety Class:	Class II
Max. System Voltage:	1500V DC
Test Laboratory:	Yangzhou Opto-Electrical Products Testing Institute No. 10 West Kaifa Road, Yangzhou 225009 Jiangsu, P. R. China
Construction:	Framed, with Junction box, cable and connector.
Fire Safety Class:	Class C according to UL790

## Tested according to:

IEC 61215-1:2016  
IEC 61215-1-1:2016  
IEC 61215-2:2016  
IEC 61730-1:2016  
IEC 61730-2:2016