



Product Service

# CERTIFICATE

No. Z2 118679 0003 Rev. 00

**Holder of Certificate:** TAMESOL BUILDING A GREEN FUTURE, S.L.  
AVDA. DIAGONAL NUM. 534, PLANTA ENT,  
PUERTA IZQ.  
08006 BARCELONA  
SPAIN

**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.:** 701262318301-00

**Valid until:** 2028-03-05

**Date,** 2023-09-06

( Zhulin Zhang )



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## Model(s):

TM-XXXM-100BI, XXX=490 to 515 in step of 5,  
 TM-XXXM-110BI, XXX=530 to 555 in step of 5,  
 TM-XXXM-120BI, XXX=590 to 615 in step of 5,  
 TM-XXXM-132BI, XXX=645 to 680 in step of 5,  
 TM-XXXM-100HC, XXX=485 to 510 in step of 5,  
 TM-XXXM-110HC, XXX=530 to 555 in step of 5,  
 TM-XXXM-120HC, XXX=585 to 610 in step of 5,  
 TM-XXXM-132HC, XXX=645 to 670 in step of 5,  
 TM-XXXM-108HC, XXX=390 to 415 in step of 5,  
 TM-XXXM-120HC, XXX=445 to 460 in step of 5,  
 TM-XXXM-132HC, XXX=490 to 510 in step of 5,  
 TM-XXXM-144HC, XXX=535 to 550 in step of 5,  
 TM-XXXM-108AB, XXX=390 to 415 in step of 5,  
 TM-XXXM-120AB, XXX=445 to 460 in step of 5,  
 TM-XXXM-132AB, XXX=490 to 510 in step of 5,  
 TM-XXXM-144AB, XXX=535 to 550 in step of 5,  
 TOP-XXXM-108HC, XXX=410 to 435 in step of 5,  
 TOP-XXXM-120HC, XXX=455 to 485 in step of 5,  
 TOP-XXXM-132HC, XXX=510 to 535 in step of 5,  
 TOP-XXXM-144HC, XXX=555 to 585 in step of 5,  
 TOP-XXXM-108AB, XXX=410 to 435 in step of 5,  
 TOP-XXXM-120AB, XXX=455 to 485 in step of 5,  
 TOP-XXXM-132AB, XXX=510 to 535 in step of 5,  
 TOP-XXXM-144AB, XXX=555 to 585 in step of 5  
 xxx is standing for rated output power at STC

## Parameters:

|                         |  |
|-------------------------|--|
| Construction:           | Framed, with Junction box,<br>Cable and Connectors   |
| Test Laboratory:        | Yangzhou Opto-electrical product<br>testing institute<br>10 Kaifa West Rd., Yangzhou,<br>Jiangsu, P. R. China 225009 |
| Safety Class:           | Class II   |
| Maximum System Voltage: | 1000V DC or 1500V DC   |
| 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  
 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