



Product Service

# CERTIFICATE

No. Z2 124844 0001 Rev. 00

**Holder of Certificate:** **HOUNEN SOLAR AMERICA INC**

145 Millennium Dr  
Orangeburg SC 29115  
USA

**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.:** 7040623100001-00

**Valid until:** 2029-02-05

**Date,** 2024-02-07

( Zhulin Zhang )

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## Model(s):

182 × 91(mm) cell modules:  
156 cells module:  
HNM7-SHDB156-xxx/M (xxx=560 to 610 in step of 5)  
144 cells module:  
HNM7-SHDB144-xxx/M (xxx=520 to 560 in step of 5)  
132 cells module:  
HNM7-SHDB132-xxx/M (xxx=475 to 515 in step of 5)  
120 cells module:  
HNM7-SHDB120-xxx/M (xxx=435 to 470 in step of 5)  
108 cells module:  
HNM7-SHDB108-xxx/M (xxx=390 to 420 in step of 5)  
xxx stands for rated output 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 Economic Development Zone, Changzhou, Jiangsu, China.
Construction:	Framed, with Junction box, cable and connector.

## Tested according to:

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