



Product Service

# CERTIFICATE

No. Z2 121862 0001 Rev. 00

**Holder of Certificate:** **HD HYUNDAI ENERGY SOLUTIONS CO., LTD**  
477, Bundangsuseo-ro, Bundang-gu  
Seongnam-si, Gyeonggi-do 13553  
REPUBLIC OF KOREA

**Certification Mark:**



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

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.:** 701262316301-00

**Valid until:** 2024-03-30

**Date,** 2023-07-13

( Zhulin Zhang )



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## Model(s):

210 cell modules:  
HiT-HxxxGH(xxx=640 to 720 in step of 5)  
HiT-HxxxGG(xxx=590 to 650 in step of 5)  
HiT-HxxxGM(xxx=540 to 590 in step of 5)

182 cell modules:  
HiT-HxxxOI(xxx=550 to 600 in step of 5)  
HiT-HxxxOF-BF(xxx=410 to 450 in step of 5)  
HiT-HxxxMF-FB(xxx=425 to 445 in step of 5)  
HiT-HxxxOF-BFT(xxx=420 to 440 in step of 5)  
HiT-HxxxOF-FB(xxx=420 to 440 in step of 5)  
xxx stands for rated output power at STC

The corresponding BSTC power range as follows:  
All electrical data is shown as relative to this test conditions:  
front side irradiance 1000 W/m<sup>2</sup>, backside irradiance 135 W/m<sup>2</sup>, 25 °C, AM 1.5

210 cell modules:  
HiT-HxxxGH(BSTC Power range: 710W to 790W in step of 5)  
HiT-HxxxGG(BSTC Power range: 655W to 715W in step of 5)  
HiT-HxxxGM(BSTC Power range: 600W to 650W in step of 5)

182 cell modules:  
HiT-HxxxOI(BSTC Power range: 610W to 660W in step of 5)  
HiT-HxxxOF-BF(BSTC Power range: 455W to 495W in step of 5)  
HiT-HxxxOF-BFT(BSTC Power range: 470W to 490W in step of 5)  
HiT-HxxxOF-FB(BSTC Power range: 465W to 485W in step of 5)

## Parameters:

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

## 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 61215-1:2016  
EN 61215-1-1:2016  
EN 61215-2:2017  
EN IEC 61730-1:2018  
EN IEC 61730-1:2018/AC:2018-06  
EN IEC 61730-2:2018  
EN IEC 61730-2:2018/AC:2018-06