



Product Service

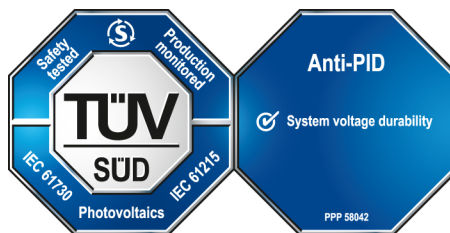
# CERTIFICATE

No. Z2 100013 0026 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 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](http://www.tuvsud.com/ps-cert)

**Test report no.:** 701262503003-00

**Valid until:** 2029-07-25

**Date,** 2025-04-22

( Zhulin Zhang )

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## Model(s):

### Framed:

210 x 105mm cell modules:

132 cells: HiT-HxxxGH (xxx=640 to 750 in step of 5)

120 cells: HiT-HxxxGG (xxx=590 to 680 in step of 5)

110 cells: HiT-HxxxGM (xxx=540 to 620 in step of 5)

132 cells: HiT-HxxxGH-ZB (xxx=680 to 750 in step of 5)

182 x 91.75mm cell modules:

144 cells: HiT-HxxxOI (xxx=550 to 600 in step of 5)

108 cells: HiT-HxxxOF-BF (xxx=410 to 450 in step of 5)

108 cells: HiT-HxxxMF-FB (xxx=425 to 445 in step of 5)

108 cells: HiT-HxxxOF-BFT (xxx=410 to 440 in step of 5)

108 cells: HiT-HxxxOF-FB (xxx=420 to 440 in step of 5)

182 x 105mm cell modules:

132 cells: HiT-HxxxCH (xxx=590 to 630 in step of 5)

108 cells: HiT-HxxxCF-BF (xxx=480 to 515 in step of 5)

96 cells: HiT-HxxxCE-BF (xxx=430 to 460 in step of 5)

108 cells: HiT-HxxxCF-FB (xxx=470 to 500 in step of 5)

108 cells: HiT-HxxxCF-BFT (xxx=470 to 510 in step of 5)

108 cells: HiT-HxxxLF-FB (xxx=480 to 515 in step of 5)

96 cells: HiT-HxxxCE-FB (xxx=420 to 445 in step of 5)

96 cells: HiT-HxxxCE-BFT (xxx=420 to 450 in step of 5)

96 cells: HiT-HxxxLE-FB (xxx=425 to 455 in step of 5)

132 cells: HiT-HxxxCH-ZB (xxx=585 to 650 in step of 5)

108 cells: HiT-HxxxCF-BF(ZB) (xxx=475 to 530 in step of 5)

108 cells: HiT-HxxxCF-BFT(ZB) (xxx=475 to 520 in step of 5)

108 cells: HiT-HxxxLF-FB(ZB) (xxx=475 to 530 in step of 5)

108 cells: HiT-HxxxCF-FB(ZB) (xxx=470 to 520 in step of 5)

96 cells: HiT-HxxxCE-BF(ZB) (xxx=425 to 470 in step of 5)

96 cells: HiT-HxxxCE-BFT(ZB) (xxx=420 to 460 in step of 5)

96 cells: HiT-HxxxLE-FB(ZB) (xxx=425 to 470 in step of 5)

96 cells: HiT-HxxxCE-FB(ZB) (xxx=415 to 460 in step of 5)

88 cells: HiT-HxxxCC-ZB (xxx=380 to 410 in step of 5)

72 cells: HiT-HxxxCB-ZB (xxx=310 to 335 in step of 5)

64 cells: HiT-HxxxCA-ZB (xxx=275 to 295 in step of 5)

xxx stands for rated output power at STC.

## Parameters:

Construction:

Framed, with Junction box,  
Cable and Connectors.

Safety Class:

Class II

Maximum System Voltage: 1500 V DC

PID test condition:

± 1500 V, 192 Hours, 85 °C, 85 % RH

Remark: PID testing is according to test method a of

IEC TS 62804-1:2015



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**Tested  
according to:**

IEC 61215-1:2021  
IEC 61215-1-1:2021  
IEC 61215-2:2021  
IEC 61730-1:2023  
IEC 61730-2:2023  
PPP 58042B:2015