



Product Service

Attestation of Conformity

No. N8A 100013 0023 Rev. 00

Holder of Attestation: **HD HYUNDAI ENERGY SOLUTIONS CO., LTD.**

477, Bundangsuseo-ro, Bundang-gu
Seongnam-si, Gyeonggi-Do 13553
REPUBLIC OF KOREA

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

This Attestation of Conformity is issued on a voluntary basis according to the Low Voltage Directive 2014/35/EU relating to electrical equipment designed for use within certain voltage limits. It confirms that the listed equipment complies with the principal protection requirements of the directive and is based on the technical specifications applicable at the time of issuance. It refers only to the particular sample submitted for conformity assessment. For details see: www.tuvsud.com/ps-cert

Test report no.: 704062360301-01

Date, 2024-07-15

(Zhulin Zhang)

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This Attestation does not replace the regulatory EU Declaration of Conformity (DoC) and does not allow for CE marking. After preparation of the necessary documentation and establishing compliance to requirements of all applicable directives, the manufacturer may sign a DoC and apply the CE marking. The DoC is issued under the sole responsibility of the manufacturer.



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Model(s):

Framed:

210 x 105mm cell modules:

132 cells: HiT-HxxxGH (xxx=640 to 725 in step of 5)

120 cells: HiT-HxxxGG (xxx=590 to 650 in step of 5)

110 cells: HiT-HxxxGM (xxx=540 to 590 in step of 5)

132 cells: HiT-HxxxGH-ZB (xxx=680 to 720 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 505 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 450 in step of 5)

132 cells: HiT-HxxxCH-ZB (xxx=585 to 620 in step of 5)

xxx stands for rated output power at STC

The corresponding BNPI power range as follows:

All electrical data is shown as relative to this test conditions:
front side irradiance 1000 W/m², backside irradiance
135 W/m², 25 °C, AM 1.5

Framed:

210 x 105mm cell modules:

132 cells: HiT-HxxxGH (BNPI Power range: 717, 723,728,734,740,745,751,757,762,768,773,779,785, 790,796,801,807,813)

120 cells: HiT-HxxxGG (BNPI Power range: 661,667,672,678,684,689,695,700,706,712,717,723,728)

110 cells: HiT-HxxxGM (BNPI Power range: 605,611,616,622,628,633,639,644,650,656,661)

132 cells: HiT-HxxxGH-ZB (BNPI Power range: 762,768,773,779,785,790,796,801,807)

182 x 91.75mm cell modules:

144 cells: HiT-HxxxOI (BNPI Power range: 616, 622,628,633,639,644,650,656,661,667,672)

108 cells: HiT-HxxxOF-BF (BNPI Power range:

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459,465,471,476,482,487,493,499,504)
 108 cells: HiT-HxxxOF-BFT (BNPI Power range: 459,465,471,476,482,487,493)
 108 cells: HiT-HxxxOF-FB (BNPI Power range: 471,476,482,487,493)
 182 x 105mm cell modules:
 132 cells: HiT-HxxxCH (BNPI Power range: 661,667,672,678,684,689,695,700,706)
 108 cells: HiT-HxxxCF-BF (BNPI Power range: 538,543,549,555,560,566,571,577)
 96 cells: HiT-HxxxCE-BF (BNPI Power range: 482,487,493,499,504,510,515)
 108 cells: HiT-HxxxCF-FB (BNPI Power range: 527,532,538,543,549,555,560)
 108 cells: HiT-HxxxCF-BFT (BNPI Power range: 527,532,538,543,549,555,560,566,571)
 96 cells: HiT-HxxxCE-FB (BNPI Power range: 471,476,482,487,493,499)
 96 cells: HiT-HxxxCE-BFT (BNPI Power range: 471,477,482,488,493,499,505)
 132 cells: HiT-HxxxCH-ZB (BNPI Power range: 656,661,667,672,678,684,689,695)

Parameters:

Construction:	Framed 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:

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

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