

CERTIFICATE OF CONFORMITY

Issued to: Zhejiang Hyxi Technology Co., Ltd.
Room 216, Block A, Building 1, No. 57 Jiang'er Road, Changhe Street, Binjiang District, Hangzhou, Zhejiang Province, China

For the product: Three Phase Inverter

Trade name: 

Type/Model: HYX-S50K-T2, HYX-S75K-T2, HYX-S80K-T2, HYX-S99K9-T2, HYX-S100K-T2, HYX-S110K-T2, HYX-S125K-T2

Ratings: See Annex

Manufactured by: Zhejiang Hyxi Technology Co., Ltd.
Room 216, Block A, Building 1, No. 57 Jiang'er Road, Changhe Street, Binjiang District, Hangzhou, Zhejiang Province, China

Requirements: Engineering Recommendation G99 Issue 1 – Amendment 10:2024 (G99/1-10:2024) (Requirements for Type B Generating Module)

This Test Certificate is granted on account of an examination by DEKRA, the results of which are laid down in a confidential file no. 6243887.50

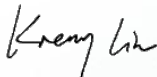
The examination has been carried out on one single specimen of the product. The Attestation does not include an assessment of the manufacturer's production. Conformity of his production with the specimen tested by DEKRA is not the responsibility of DEKRA.

This Test Certificate expires at the latest on 29 October 2030 or expires upon withdrawal of one of the above mentioned standards.

Shanghai, 29 October 2025

Number: 6243887.01COC

DEKRA Testing and Certification (Shanghai) Ltd.



Kreny Lin
Certification Manager

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Ratings of the test product:

Operating temperature range: - 30°C to + 60°C

Protective class: I

Ingress protection rating: IP66

Power factor range (adjustable): 0.8 lagging ... 0.8 leading

Overvoltage category: III(AC) / II(DC)

Operating altitude: 4000 m

Inverter Topology: Non-Isolation

HYX-S50K-T2:

Input port:

Max. input voltage 1100 Vdc, MPPT range 140 - 1000 Vdc

Max. input current 40 A * 4, Max. Isc 50 A * 4

Output port:

Nominal voltage 220 / 380 Vac, 230 / 400 Vac; 3L/N/PE, 50/60 Hz,

Rated Power 50 kW, Max. Apparent Power 55 kVA,

Max. Current 79.4 A / 400 Vac;

Rated Current 75.9 A / 380 Vac, 72.1 A / 400 Vac

HYX-S75K-T2:

Input port:

Max. input voltage 1100 Vdc, MPPT range 140 - 1000 Vdc

Max. input current 40 A * 6, Max. Isc 50 A * 6

Output port:

Nominal voltage 220 / 380 Vac, 230 / 400 Vac; 3L/N/PE, 50/60 Hz,

Rated Power 75 kW, Max. Apparent Power 82.5 kVA,

Max. Current 119.0 A / 400 Vac;

Rated Current 113.9 A / 380 Vac, 108.2 A / 400 Vac

HYX-S80K-T2:

Input port:

Max. input voltage 1100 Vdc, MPPT range 140 - 1000 Vdc

Max. input current 40 A * 6, Max. Isc 50 A * 6

Output port:

Nominal voltage 220 / 380 Vac, 230 / 400 Vac; 3L/N/PE, 50/60 Hz,

Rated Power 80 kW, Max. Apparent Power 88 kVA,

Max. Current 127.0 A / 400 Vac;

Rated Current 115.5 A / 400 Vac

HYX-S99K9-T2:

Input port:

Max. input voltage 1100 Vdc, MPPT range 140 - 1000 Vdc

Max. input current 40 A * 8, Max. Isc 50 A * 8

Output port:

Nominal voltage 220 / 380 Vac, 230 / 400 Vac; 3L/N/PE, 50/60 Hz,

Rated Power 99.9 kW, Max. Apparent Power 109.9 kVA,

Max. Current 158.7 A / 400 Vac;

Rated Current 151.9 A / 380 Vac, 144.3 A / 400 Vac

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HYX-S100K-T2:

Input port:

Max. input voltage 1100 Vdc, MPPT range 140 - 1000 Vdc

Max. input current 40 A * 8, Max. Isc 50 A * 8

Output port:

Nominal voltage 220 / 380 Vac, 230 / 400 Vac; 3L/N/PE, 50/60 Hz,

Rated Power 100 kW, Max. Apparent Power 110 kVA,

Max. Current 158.7 A / 400 Vac;

Rated Current 151.9 A / 380 Vac, 144.3 A / 400 Vac

HYX-S110K-T2:

Input port:

Max. input voltage 1100 Vdc, MPPT range 140 - 1000 Vdc

Max. input current 40 A * 8, Max. Isc 50 A * 8

Output port:

Nominal voltage 220 / 380 Vac, 230 / 400 Vac; 3L/N/PE, 50/60 Hz,

Rated Power 110 kW, Max. Apparent Power 121 kVA,

Max. Current 174.6 A / 400 Vac;

Rated Current 167.1 A / 380 Vac, 158.7 A / 400 Vac

HYX-S125K-T2:

Input port:

Max. input voltage 1100 Vdc, MPPT range 140 - 1000 Vdc

Max. input current 40 A * 8, Max. Isc 50 A * 8

Output port:

Nominal voltage 220 / 380 Vac, 230 / 400 Vac; 3L/N/PE, 50/60 Hz,

Rated Power 125 kW, Max. Apparent Power 125 kVA,

Max. Current 180.4 A / 400 Vac;

Rated Current 189.9 A / 380 Vac, 180.4 A / 400 Vac

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