Certificate

of Conformity

Registered No.:

COCPVP01187/24B-02

File reference	Test report No.	Date of issue
PVP01187/24B-02	TRPVP01187/24B/02	2024-04-26

On the basis of the tests undertaken, the samples of the below product(s) have been found to comply with the essential requirements of the referenced specifications at the time the tests were carried out:

Applicant: **Zhejiang Hyxi Technology Co., Ltd.**

9-10F, Building 3, Jiuyao Commercial Center, Zhuantang Street, Xihu District, Hangzhou city, Zhejiang Province, China.

Manufacturer: **Zhejiang Hyxi Technology Co., Ltd.**

9-10F, Building 3, Jiuyao Commercial Center, Zhuantang Street, Xihu District, Hangzhou city, Zhejiang Province, China.

Factory: **DGB(Jiaxing)Technology Electronics Co., Ltd**

Building A, No. 148, Tianshu Road, Jiaxing Economic and Technology Development Zone, Jiaxing City, 314000 Zhejiang, P.R. China

Product: Three Phase String Inverter

Type designation: HYX-S15K-T, HYX-S17K-T, HYX-S20K-T, HYX-S25K-T

Three phase, Firmware version: V2.0

Type of equipment:

☐ Interface device

☐ Interface protection

☒ Static conversion device

☐ Rotary generation device

Remark: The device is for plants of each power.

Certification program: BOS-P-01 Rev. 00

Certification fundamental(s): CEI 0-16:2019-04, CEI 0-16;V1:2020-12, CEI 0-16;V2:2021-06

CEI 0-16:2022-03, CEI 0-16;V1:2022-11, CEI 0-16;V2:2023-05

See test report for detailed information.

Certification body: **TÜV NORD (HANGZHOU) CO., LTD.**

Renewable Energy

BOS&ESS-T-003 COC

中国认可
产品
PRODUCT
CNAS C183-P

TÜV NORD (HANGZHOU) CO., LTD.
Member of TÜV NORD Group
Tel: +86-571-85386989
Fax: +86-571-85386986
www.tuv-nord.com/cn
P.R. China

Version 1.0

	Room B409, Building 1, No. 9, Jiuhuan Road, Shangcheng District, Hangzhou City, Zhejiang Province, 310019, P.R. China Accredited by CNAS according to ISO/IEC 17065:2012, certificate no. CNAS C183-P.
Testing laboratory:	**Dongguan BALUN Testing Technology Co., Ltd.** Room 104/204/205, Building 1, No. 6, Industrial South Road, Songshan Lake District, Dongguan, Guangdong, China Accredited by CNAS according to ISO/IEC 17025:2017, certificate no. CNAS L14701
Conclusion:	After verifying following documents, it is concluded that the product is in compliance with the requirements of CEI 0-16:2019-04, CEI 0-16;V1:2020-12, CEI 0-16;V2:2021-06, CEI 0-16:2022-03, CEI 0-16;V1:2022-11, CEI 0-16;V2:2023-05 ☒ ISO 9001 certificate: Certificate no. 01 100 2232352, issued by TÜV Rheinland Cert GmbH. ☒ Test report of CEI 0-16:2019-04, CEI 0-16;V1:2020-12, CEI 0-16;V2:2021-06, CEI 0-16:2022-03, CEI 0-16;V1:2022-11, CEI 0-16;V2:2023-05 Report no. BL-DG2440708-201 (Rev.02), issued by Dongguan BALUN Testing Technology Co., Ltd., accredited by CNAS according to ISO/IEC 17025:2017, certificate no. CNAS L14701

This document is based on the evaluation of the samples of the above mentioned product(s). It does not imply an assessment of the mass-production of the product(s), and it does not permit the use of a TÜV NORD mark. The holder of this document may use it in connection with the related test report(s).

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Description of product(s):

Three Phase String Inverter				
Model or Type designation	**HYX-S15K-T**	**HYX-S17K-T**	**HYX-S20K-T**	**HYX-S25K-T**
PV input parameters:				
Max. Input PV Voltage [Vd.c.]	1100			
MPPT Voltage Range [Vd.c.]	140-1000			
Max input current per MPPT [Ad.c.]	2*40			
PV Short-circuit current per MPPT [Ad.c.]	2*50			
AC output (Grid Side) parameters:				
Rated Output Voltage [Va.c.]	380/400, 3L/N/PE			
Rated Output Frequency [Hz]	50/60			
Rated Output Power [kW]	15.0	17.0	20.0	25.0
Max. Apparent Power [kVA]	16.5	18.7	22.0	27.5
Max. continuous Current [Aa.c.]	23.9	27.1	31.9	39.9
Power Factor cosφ [λ]	＞0.99 (0.8leading-0.8lagging)			
Others:				
Protective Class	Class I			
Inverter Topology	Non-isolation			
Operation Temperature Range	-30~60°C			
Ingress Protection	IP66			
Dimension (W*H*D)	519*426*192mm			
Overvoltage-Category	DC(PV) II, AC(Main) III			

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