

25 March 2024

Zhejiang Hyxi Technology Co., Ltd.
9-10F, Building 3, Jiuyao Commercial Center, Zhuantang Street
Xihu District, Hangzhou, Zhejiang 310008
CHINA

Attention: Jianyong Li, TÜV SÜD Certification and Testing (China) Co., Ltd. Shanghai Branch

CERTIFICATION OF ELECTRICAL EQUIPMENT

It is our pleasure to issue you with the enclosed Certificate of Suitability EESS-240153-0.

Please check and ensure the details are correct in accordance with your application.

EESS Conformity Certification will upload the required certificate information to the National Database as detailed in the Australian / New Zealand Electrical Equipment Safety System (EESS), Equipment Safety Rules Appendix C.

We remind you that the Regulatory Compliance Mark (RCM) must be used in accordance with its conditions of use as set out in the latest edition of [AS/NZS 4417.1](#).

The assessment was reviewed with the standards and conditions required by Clean Energy Council at the time of issue with test reports referenced, <https://www.cleanenergycouncil.org.au/industry/products>

This certification is based on type testing, modification to the certified product in any way must be notified to EESS Conformity Certification for endorsement. Details of the modification must be advised by completing and submitting the application via our Online Application System (OAS) with your login credentials.

Any change to the name or address of the certificate holder must be notified to EESS Conformity Certification within one calendar month. Changes may be advised by completing and submitting the application via our Online Application System (OAS) with your login credentials.

An application for the transfer of Certificate from the existing Certificate Holder to another/new Certificate Holder may be made to EESS Conformity Certification by completing and submitting the application via our Online Application System (OAS) with your login credentials.

Finally, please use the QR code below to take our two-minute survey and comment on our service.

Yours sincerely,



Lloyd Knipe
Managing Director
Conformity Certification Services Pty Ltd
trading as EESS Conformity Certification



We'd love to know what you thought of our service. Please scan to fill in a brief survey or visit www.eessconformity.com



Certificate No.: EESS-240153-0

CERTIFICATE OF SUITABILITY

Certificate Holder: Zhejiang Hyxi Technology Co., Ltd.
9-10F, Building 3, Jiuyao Commercial Center, Zhuantang Street
Xihu District, Hangzhou, Zhejiang 310008
CHINA

Regulatory Definition: Non-declared / In-scope
Product Type: Single Phase String Inverter
Risk Level: 1
Trade Name(s): HYXiPOWER
Model No(s): HYX-S3K-S, HYX-S3K6-S, HYX-S4K-S, HYX-S4K6-S, HYX-S5K-S, HYX-S6K-S
Ratings: PV Input: 600Vdc Max, MPPT V range: 80-560Vdc, 2x18Adc Max, OVCII.
Output: 230V 1N/PE 50Hz 3/3.6/4/4.6/5/6kVA Class I IP66 OVCIII,
Software/ Hardware version: ARM: V00.01.04.03, DSP: V00.02.00.07/ V1.00.
Refer to Certificate Addendum for specific rating details.

Standard(s): IEC 62109-1:2010 - (reference Test Report 5040923020809-00 part 1 of 3)
IEC 62109-2:2011 - (reference Test Report 5040923020809-00 part 2 of 3)
AS/NZS 4777.2:2020 +A1 - (reference Test Report 5040923020809-00 part 3 of 3)

Condition(s): To be installed by Licensed Electrician in accordance with the local Wiring Rules, CEC Guidelines, and the Manufacturer's Installation Manual. This Certification does not consider, other installation or the additional Clean Energy Council requirements for Grid Connect inverters or power conversion equipment (PCE)

Required Marking: The Regulatory Compliance Mark (RCM) in accordance with its conditions of use as set out in the latest edition of AS/NZS 4417.1

Date of Issue: 25 March 2024

Valid Until: 24 March 2029

Conformity Certification Services Pty Ltd as accredited by JAS-ANZ under ISO/IEC 17065 certifies that the Electrical Equipment as described on this certificate complies with the minimum essential safety requirements for which the application has been made. This certificate meets the requirements of the Queensland Government Recognised External Certification Scheme (RECS). Certification is based on type testing and within our terms and conditions.

For and on behalf of
Conformity Certification Services Pty Ltd
trading as EESS Conformity Certification



Certificate No.: EESS-240153-0

CERTIFICATE ADDENDUM

Model	HYX-S3K-S	HYX-S3K6-S	HYX-S4K-S	HYX-S4K6-S	HYX-S5K-S	HYX-S6K-S
Input (DC)						
Max. Input Voltage	600Vdc					
MPPT Voltage Rang	80-560Vdc					
Max. Current per MPPT	2*18Adc					
Isc PV(absolute max.)	2*24Adc					
Output (AC)						
Rated Output Power	3000W	3600W	4000W	4600W	5000W	6000W
Rated Continuous Apparent Power	3000VA	3600VA	4000VA	4600VA	5000VA	6000VA
Rated Continuous current A~	13.6A~	16.4A~	18.2A~	20.9A~	22.7A~	27.3A~
Rated Grid Voltage~, Frequency & power factor	230V~ 1/N/PE 50Hz, 0.8leading-0.8lagging					
General Data						
Protection Class, Operating Temperature, Protection Degree, Topology, Altitude Max	Class I, -25°C...+60°C. Derating applies after 45degC, IP66, Non-Isolated, 4000m					

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