

Certificate Number: AZ 69023566

Page: 0001



CERTIFICATE OF SUITABILITY

Authorised marking: TUV023566E

This is to certify that TÜV Rheinland Australia Pty Ltd as accredited by JAS-ANZ in accordance with ISO/IEC Guide 65 has examined for compliance with certification standards, the electrical equipment described hereunder and authorises the certificate holder to affix the above mentioned mark to products of the same type; or the Regulatory Compliance Mark (RCM) provided that the requirements of all relevant parts of AS/NZS 4417 applicable to the article are fulfilled

CERTIFICATE HOLDER:

Kehua Hengsheng Co., Ltd.
No.457, Malong Road,
Torch High-tech Industrial Zone
Xiamen, Fujian 361000
P. R. China

DESCRIPTION OF EQUIPMENT

Declared class:

Non-declared

Product:

Photovoltaic Grid-connected Inverter

Trade Name / Manufacturer:

KEHUA TECH

Model Number:

SPI5K-B, SPI6K-B, SPI8K-B, SPI10K-B,
SPI12K-BL, SPI15K-B, SPI17K-B, SPI20K-B

Ratings:

(Ratings details refer to CONTINUATION SHEET 1 - 4)

Standard:

AS/NZS 4777.2:2015
IEC 62109-1:2010
IEC 62109-2:2011

Issue Date:

02/07/2019

Expiry Date:

02/07/2024

Signed for and on behalf of TÜV Rheinland Australia Pty Ltd

Andreas Klinker



Acc. No. Z2870404AA
www.jas-anz.org/register

Certificate Number: AZ 69023566

Page: 0002



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CONTINUATION SHEET 1

Ratings:

Class I, IP65, Overvoltage Category: II(DC); III(AC);

Operating Temp.: -25°C to +60°C (>45 derating)

Model SPI5K-B

Input:

Voltage Range: 200-1000Vdc. MPPT Range: 200-950Vdc

Max. Input Current: 2*11Adc;

Short Circuit Current: 2*13.8Adc;

Output:

Rated Voltage: AC 3W+N, 400V, 50Hz;

Rated Current: 7.3A; Max. Continuous Current: 8.0A;

Rating Power: 5kW; Max. Apparent Power: 5kVA;

Power Factor: >0.99 (0.8 leading~0.8lagging adjustable)

Model SPI6K-B

Input:

Voltage Range: 200-1000Vdc. MPPT Range: 200-950Vdc;

Max. Input Current: 2*11Adc;

Short Circuit Current: 2*13.8Adc;

Output:

Rated Voltage: AC 3W+N, 400V, 50Hz;

Rated Current: 8.7A; Max. Continuous Current: 9.6A;

Rating Power: 6kW; Max. Apparent Power: 6kVA;

Power Factor: >0.99 (0.8 leading~0.8lagging adjustable)

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Page: 0003



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CONTINUATION SHEET 2

Model SPI8K-B

Input:

Voltage Range: 200-1000Vdc. MPPT Range: 200-950Vdc

Max. Input Current: 22/11Adc;

Short Circuit Current: 27.5/13.8Adc;

Output:

Rated Voltage: AC 3W+N, 400V, 50Hz;

Rated Current: 11.6A;

Max. Continuous Current: 12.8A;

Rating Power: 8kW; Max. Apparent Power: 8kVA;

Power Factor: >0.99 (0.8 leading~0.8lagging adjustable)

Model SPI10K-B

Input:

Voltage Range: 200-1000Vdc. MPPT Range: 200-950Vdc;

Max. Input Current: 22/11Adc;

Short Circuit Current: 27.5/13.8Adc;

Output:

Rated Voltage: AC 3W+N, 400V, 50Hz;

Rated Current: 14.5A;

Max. Continuous Current: 15.9A;

Rating Power: 10kW; Max. Apparent Power: 10kVA;

Power Factor: >0.99 (0.8 leading~0.8lagging adjustable)

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A blue ink signature of Andreas Klinker.

Andreas Klinker



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Certificate Number: AZ 69023566

Page: 0004



CERTIFICATE OF SUITABILITY

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CONTINUATION SHEET 3

Model SPI12K-BL

Input:

Voltage Range: 200-1000Vdc. MPPT Range: 200-950Vdc

Max. Input Current: 2*22Adc;

Short Circuit Current: 2*27.5Adc;

Output:

Rated Voltage: AC 3W+N, 400V, 50Hz;

Rated Current: 17.4A;

Max. Continuous Current: 19.1A;

Rating Power: 12kW; Max. Apparent Power: 12kVA;

Power Factor: >0.99 (0.8 leading~0.8lagging adjustable)

Model SPI15K-B

Input:

Voltage Range: 200-1000Vdc. MPPT Range: 200-950Vdc;

Max. Input Current: 2*22Adc;

Short Circuit Current: 2*27.5Adc;

Output:

Rated Voltage: AC 3W+N, 400V, 50Hz;

Rated Current: 21.7A;

Max. Continuous Current: 23.9A;

Rating Power: 15kW; Max. Apparent Power: 15kVA;

Power Factor: >0.99 (0.8 leading~0.8lagging adjustable)

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A handwritten signature in blue ink, appearing to read "Andreas Klinker".

Andreas Klinker



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Certificate Number: AZ 69023566

Page: 0005



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CONTINUATION SHEET 4

Model SPI17K-B

Input:

Voltage Range: 200-1000Vdc. MPPT Range: 200-950Vdc

Max. Input Current: 2*22Adc;

Short Circuit Current: 2*27.5Adc;

Output:

Rated Voltage: AC 3W+N, 400V, 50Hz;

Rated Current: 24.6A;

Max. Continuous Current: 27.1A;

Rating Power: 17kW; Max. Apparent Power: 17kVA;

Power Factor: >0.99 (0.8 leading~0.8lagging adjustable)

Model SPI20K-B

Input:

Voltage Range: 200-1000Vdc. MPPT Range: 200-950Vdc;

Max. Input Current: 2*22Adc;

Short Circuit Current: 2*27.5Adc;

Output:

Rated Voltage: AC 3W+N, 400V, 50Hz;

Rated Current: 29.0A;

Max. Continuous Current: 31.9A;

Rating Power: 20kW; Max. Apparent Power: 20kVA;

Power Factor: >0.99 (0.8 leading~0.8lagging adjustable)

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