

Certificate Number: AZ 69025991

Page: 0001



CERTIFICATE OF SUITABILITY

Authorised marking: TUV025991E

This is to certify that TÜV Rheinland Australia Pty Ltd as accredited by JAS-ANZ in accordance with ISO/IEC 17065 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:

HUAWEI TECHNOLOGIES CO., LTD.
Administration Building,
Headquarters of Huawei Technologies
Co., Ltd. Bantian,
Longgang District, Shenzhen, 518129
Guangdong
P.R. China

DESCRIPTION OF EQUIPMENT

Declared class:

Non-declared

Product:

SOLAR INVERTER

Trade Name / Manufacturer:

HUAWEI

Model Number:

SUN2000-20KTL-M2 , SUN2000-17KTL-M2 , SUN2000-15KTL-M2
SUN2000-12KTL-M2 , SUN2000-10KTL-M2 , SUN2000-8KTL-M2

Ratings:

Ratings details refer to CONTINUATION SHEET 1 - 6

Standard:

AS/NZS 4777.2:2020+A1
IEC 62109-2:2011
IEC 62109-1:2010

Issue Date:

06/05/2022

Expiry Date:

06/05/2027

Signed for and on behalf of TÜV Rheinland Australia Pty Ltd

A handwritten signature in blue ink, appearing to read 'Grant Li', positioned above a horizontal line.

Grant Li



Acc. No. Z2870404AA
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Certificate Number: AZ 69025991

Page: 0002



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CONTINUATION SHEET 1

DESCRIPTION OF EQUIPMENT

Model: SUN2000-20KTL-M2
Vmax PV: 1080Vdc
MPPT Voltage Range: 160-950Vdc
Max. Input Current: 27A/27A;
Max. Short Circuit Current: 39A/39A;
Overvoltage Category (OVC): II for PV
Output: Rated Voltage: 220/380 Vac., 230/400 Vac.
Rated Frequency: 50/60Hz;
Rated Current: 30.4/28.9A
Max. Continuous Current: 33.5A
Rated Power: 20kW
Max. Apparent Power: 22kVA
Power Factor: 0.8 leading ~0.8 lagging
Overvoltage Category (OVC): III for AC mains
Protective Class: Class I
Ingress Protection (IP): IP65
Pollution Degree (PD): PD3

Issue Date: 06/05/2022

Expiry Date: 06/05/2027

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Certificate Number: AZ 69025991

Page: 0003



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CONTINUATION SHEET 2

DESCRIPTION OF EQUIPMENT

Model: SUN2000-17KTL-M2
Vmax PV: 1080Vdc
MPPT Voltage Range: 160-950Vdc
Max. Input Current: 27A/27A;
Max. Short Circuit Current: 39A/39A;
Overvoltage Category (OVC): II for PV
Output: Rated Voltage: 220/380 Vac., 230/400 Vac.
Rated Frequency: 50/60Hz;
Rated Current: 25.8/24.6A
Max. Continuous Current: 28.5A
Rated Power: 17kW
Max. Apparent Power: 18.7kVA
Power Factor: 0.8 leading ~0.8 lagging
Overvoltage Category (OVC): III for AC mains
Protective Class: Class I
Ingress Protection (IP): IP65
Pollution Degree (PD): PD3

Issue Date: 06/05/2022

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Certificate Number: AZ 69025991

Page: 0004



CERTIFICATE OF SUITABILITY

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CONTINUATION SHEET 3

DESCRIPTION OF EQUIPMENT

Model: SUN2000-15KTL-M2
Vmax PV: 1080Vdc
MPPT Voltage Range: 160-950Vdc
Max. Input Current: 27A/27A;
Max. Short Circuit Current: 39A/39A;
Overvoltage Category (OVC): II for PV
Output: Rated Voltage: 220/380 Vac., 230/400 Vac.
Rated Frequency: 50/60Hz;
Rated Current: 22.8/21.7A
Max. Continuous Current: 25.2A
Rated Power: 15kW
Max. Apparent Power: 16.5kVA
Power Factor: 0.8 leading ~0.8 lagging
Overvoltage Category (OVC): III for AC mains
Protective Class: Class I
Ingress Protection (IP): IP65
Pollution Degree (PD): PD3

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Page: 0005



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CONTINUATION SHEET 4

DESCRIPTION OF EQUIPMENT

Model: SUN2000-12KTL-M2

Vmax PV: 1080Vdc

MPPT Voltage Range: 160-950Vdc

Max. Input Current: 27A/27A;

Max. Short Circuit Current: 39A/39A;

Overvoltage Category (OVC): II for PV

Output: Rated Voltage: 220/380 Vac., 230/400 Vac.

Rated Frequency: 50/60Hz;

Rated Current: 18.2/17.3A

Max. Continuous Current: 20A

Rated Power: 12kW

Max. Apparent Power: 13.2kVA

Power Factor: 0.8 leading ~0.8 lagging

Overvoltage Category (OVC): III for AC mains

Protective Class: Class I

Ingress Protection (IP): IP65

Pollution Degree (PD): PD3

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Page: 0006



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CONTINUATION SHEET 5

DESCRIPTION OF EQUIPMENT

Model: SUN2000-10KTL-M2
Vmax PV: 1080Vdc
MPPT Voltage Range: 160-950Vdc
Max. Input Current: 27A/27A;
Max. Short Circuit Current: 39A/39A;
Overvoltage Category (OVC): II for PV
Output: Rated Voltage: 220/380 Vac., 230/400 Vac.
Rated Frequency: 50/60Hz;
Rated Current: 15.2/14.5A
Max. Continuous Current: 17A
Rated Power: 10kW
Max. Apparent Power: 11kVA
Power Factor: 0.8 leading ~0.8 lagging
Overvoltage Category (OVC): III for AC mains
Protective Class: Class I
Ingress Protection (IP): IP65
Pollution Degree (PD): PD3

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Certificate Number: AZ 69025991

Page: 0007



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CONTINUATION SHEET 6

DESCRIPTION OF EQUIPMENT

Model: SUN2000-8KTL-M2

Vmax PV: 1080Vdc

MPPT Voltage Range: 160-950Vdc

Max. Input Current: 27A/27A;

Max. Short Circuit Current: 39A/39A;

Overvoltage Category (OVC): II for PV

Output: Rated Voltage: 220/380 Vac., 230/400 Vac.

Rated Frequency: 50/60Hz;

Rated Current: 12.2/11.6A

Max. Continuous Current: 13.4A

Rated Power: 8kW

Max. Apparent Power: 8.8kVA

Power Factor: 0.8 leading ~0.8 lagging

Overvoltage Category (OVC): III for AC mains

Protective Class: Class I

Ingress Protection (IP): IP65

Pollution Degree (PD): PD3

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