

Certificate Number: AZ 69025990

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CERTIFICATE OF SUITABILITY

Authorised marking: TUV-025990-E

TÜV Rheinland Australia Pty Ltd "Electrical Product Safety Certification (EPSC) Scheme", accredited by JAS-ANZ in accordance with ISO/IEC 17065, has issued this certificate under JAS-ANZ accreditation. The electrical equipment described hereunder has been evaluated and found to be electrically safe at the time of certification and met the minimum safety requirements contained in Australian Standard AS/NZS 3820 as of current. It is a requirement that all equipment supplied under this certificate shall be identical to the equipment as certified. The certificate holder may affix the above mentioned authorised marking on the product.

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: SUN2000-10KTL-M1 , SUN2000-8KTL-M1 ,
SUN2000-6KTL-M1 , SUN2000-5KTL-M1

Ratings: Ratings details refer to CONTINUATION SHEET 1 - 4

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

Issue Date: 17/05/2022

Expiry Date: 17/05/2027

Signed for and on behalf of TÜV Rheinland Australia Pty Ltd

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Grant Li



Acc. No. Z2870404AA
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CONTINUATION SHEET 1

DESCRIPTION OF EQUIPMENT

Model: SUN2000-10KTL-M1
Vmax PV: 1100Vdc
MPPT Voltage Range: 140-980Vdc
Max. Input Current: 13.5A/13.5A;
Max. Short Circuit Current: 19.5A/19.5A;
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: 16.9A
Rated Power: 10kW
Output Rated Apparent Power: 10kVA
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
Altitude[m]: 4000m
Operating Temperature [°C]: -25 to 60 (> 45 derating)
Type of Inverter: Non-isolated
Battery voltage range: 600-1100Vd.c.
Battery maximum current: 16.7Ad.c.

Issue Date: 17/05/2022

Expiry Date: 17/05/2027

Signed for and on behalf of TÜV Rheinland Australia Pty Ltd

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CONTINUATION SHEET 2

DESCRIPTION OF EQUIPMENT

Model: SUN2000-8KTL-M1

Vmax PV: 1100Vdc

MPPT Voltage Range: 140-980Vdc

Max. Input Current: 13.5A/13.5A;

Max. Short Circuit Current: 19.5A/19.5A;

Overvoltage Category (OVC): II for PV

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

Rated Frequency: 50/60Hz;

Rated Current: 13.5/13.5A

Max. Continuous Current: 13.5A

Rated Power: 8kW

Output Rated Apparent Power: 8kVA

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

Altitude[m]: 4000m

Operating Temperature [°C]: -25 to 60 (> 45 derating)

Type of Inverter: Non-isolated

Battery voltage range: 600-1100Vd.c.

Battery maximum current: 16.7Ad.c.

Issue Date: 17/05/2022

Expiry Date: 17/05/2027

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CONTINUATION SHEET 3

DESCRIPTION OF EQUIPMENT

Model: SUN2000-6KTL-M1

Vmax PV: 1100Vdc

MPPT Voltage Range: 140-980Vdc

Max. Input Current: 13.5A/13.5A;

Max. Short Circuit Current: 19.5A/19.5A;

Overvoltage Category (OVC): II for PV

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

Rated Frequency: 50/60Hz;

Rated Current: 9.1/8.7A

Max. Continuous Current: 10.1A

Rated Power: 6kW

Output Rated Apparent Power : 6kVA

Max. Apparent Power: 6.6kVA

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

Altitude[m]: 4000m

Operating Temperature [°C]: -25 to 60 (> 45 derating)

Type of Inverter: Non-isolated

Battery voltage range: 600-1100Vd.c.

Battery maximum current: 16.7Ad.c.

Issue Date: 17/05/2022

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CONTINUATION SHEET 4

DESCRIPTION OF EQUIPMENT

Model: SUN2000-5KTL-M1

Vmax PV: 1100Vdc

MPPT Voltage Range: 140-980Vdc

Max. Input Current: 13.5A/13.5A;

Max. Short Circuit Current: 19.5A/19.5A;

Overvoltage Category (OVC): II for PV

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

Rated Frequency: 50/60Hz;

Rated Current: 7.6/7.3A

Max. Continuous Current: 8.5A

Rated Power: 5kW

Output Rated Apparent Power: 5kVA

Max. Apparent Power: 5.5kVA

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

Altitude[m]: 4000m

Operating Temperature [°C]: -25 to 60 (> 45 derating)

Type of Inverter: Non-isolated

Battery voltage range: 600-1100Vd.c.

Battery maximum current: 16.7Ad.c

Issue Date: 17/05/2022

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