

Certificate Number: AZ 69026359

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CERTIFICATE OF SUITABILITY

Authorised marking: TUV-026359-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:

Ningbo Sunways Technologies Co., Ltd.
No. 1, Second Road, Green Industrial Zone, Chongshou Town
Cixi, Ningbo,
315334 Zhejiang
P.R. China

DESCRIPTION OF EQUIPMENT

Declared class:

Non-declared

Product:

Grid-connected PV inverter

Trade Name / Manufacturer:

Sunways / Ningbo Sunways Technologies Co., Ltd.

Model Number:

STS-3KTL-NS , STS-3.6KTL-NS , STS-4.2KTL-NS ,
STS-4.6KTL-NS , STS-5KTL-NS , STS-6KTL-NS

Ratings:

Refer to CONTINUATION SHEETS 1 for rating information

Standard:

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

Issue Date:

01/09/2022

Expiry Date:

01/09/2027

Signed for and on behalf of TÜV Rheinland Australia Pty Ltd

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Grant Li



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CONTINUATION SHEET 1

DESCRIPTION OF EQUIPMENT

Ratings:

Protection: Class I, IP65, PD 2(Inside), PD 3 (Outside)

Operating Temp.: -30°C to 60°C (derating at 45°C)

Overvoltage Category (OVC): DC input: II; AC Output: III

Input:

VDC max: 600 Vd.c.,

VDC MPPT: 100 – 550V dc

IDC max: 2 x 12.5A,

Isc PV: 2 x 15A

Output:

Output voltage: L/N/PE~220/230V

Output frequency: 50/60Hz,

Rated Output Power: 3000W; 3600W; 4200W; 4600W; 5000W; 6000W

Rated Output Apparent Power: 3000VA; 3600VA; 4200VA; 4600VA;

5000VA; 6000VA

Max Output Apparent Power: 3300VA; 3960VA; 4600VA; 4600VA;

5500VA; 6600VA

Rated / Max output current: 15A; 18A; 21A; 21A; 25A; 28.7A

Power factor: 0.8 leading to 0.8 lagging

Issue Date: 01/09/2022

Expiry Date: 01/09/2027

Signed for and on behalf of TÜV Rheinland Australia Pty Ltd

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Grant Li



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