

Certificate Number: AZ 69026175

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CERTIFICATE OF SUITABILITY

Authorised marking: TUV-026175-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
Model Number:	STS-7KTL , STS-8KTL , STS-9KTL , STS-10KTL , STS-11KTL
Ratings:	Refer to CONTINUATION SHEET 1 for rating information
Standard:	AS/NZS 4777.2:2020+A1 IEC 62109-1:2010 IEC 62109-2:2011
Issue Date:	22/06/2022
Expiry Date:	22/06/2027

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; PD2 (inside), PD 3 (outside)

Operating temperature range: -30°C - 60°C (>45°C derating)

Over voltage category: DC input OVC II; AC output OVC II

For Models: STS-7KTL, STS-8KTL, STS-9KTL, STS-10KTL,
STS-11KTL

PV input:

MPP voltage range: 80-550Vdc

Vmax: 600Vdc

I_{max}: 15/30A,

I_{sc}: 20/40A,

AC output:

Rated output voltage & frequency: 220/230Vac 50Hz

Rated output power: 7000W, 8000W, 9000W, 10000W, 11000W

Rated output apparent power: 7000VA, 8000VA, 9000VA, 10000VA

11000VA

Max. output apparent power 7700VA, 8800VA, 9900VA, 11000VA,

11000VA

Rated/Max. output current: 33.5A, 38.3A, 43A, 47.8A, 47.8A

Power factor: 0.8 leading....0.8 lagging

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