

# 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



Grant Li



www.jas-anz.org/register

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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<sub>max</sub>: 15/30A,

I<sub>sc</sub>: 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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