ATTESTATION OF CONFORMITY

Issued to:	Ningbo Sunways Technologies Co., Ltd. No. 1, Second Road, Green Industrial Zone, Chongshou Town, 315334 Cixi, Ningbo, Zhejiang, P.R. China
For the product:	GRID-CONNECTED PV INVERTER
Trade name:	sunways
Type/Model:	STT-100KTL-SE, STT-110KTL-SE, STT-125KTL-SE, STT-136KTL-SE, STT-150KTL-SE, STT-130KTL-SE-HV, STT-145KTL-SE-HV, STT-165KTL-SE-HV, STT-170KTL-SE-HV, STT-55KTL-SE-LV, STT-60KTL-SE-LV, STT-70KTL-SE-LV, STT-75KTL-SE-LV, STT-80KTL-SE-LV
Ratings:	See Annex
Manufactured by:	Ningbo Sunways Technologies Co., Ltd. No. 1, Second Road, Green Industrial Zone, Chongshou Town, 315334 Cixi, Ningbo, Zhejiang, P.R. China
Subject:	Complete evaluation of electrical system of the appliances
Requirements:	IEC 62109-1:2010, EN 62109-1:2010 IEC 62109-2:2011, EN 62109-2:2011

This Attestation is granted on account of an examination by DEKRA, the results of which are laid down in a test file / test report no 6226029.50(A-B)

This Attestation implies that the examined types are in accordance with the standards designated under the Low Voltage Directive (LVD) 2014/35/EU.

The examination has been carried out on one single specimen or several specimens of the product, submitted by the manufacturer. The Attestation does not include an assessment of the manufacturer's production. Conformity of this production with the specimen tested by DEKRA is not the responsibility of DEKRA.

This document does not authorize the use of any DEKRA approved mark.

Arnhem, 5 December 2025 Number: 6226029.01AOC

DEKRA Testing and Certification (Shanghai) Ltd.

Kreny Lin
Certification Manager

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Annex

Document no.: 6226029.01AOC

Model	STT-100KTL-SE	STT-110KTL-SE	STT-125KTL-SE	STT-136KTL-SE	STT-150KTL-SE	STT-130KTL-SE-HV	STT-145KTL-SE-HV	STT-165KTL-SE-HV	STT-170KTL-SE-HV	STT-55KTL-S E-LV	STT-60KTL-S E-LV	STT-70KTL-S E-LV	STT-75KTL-S E-LV	STT-80KTL-S E-LV
Input														
Start-up Voltage (V)	180													
Max. Input Voltage (Vdc)	1100													
Rated DC Input Voltage (Vdc)	620					750				360				
MPPT Voltage Range (Vdc)	200-1000													
MPPT full power voltage range (Vdc)	550-800					625-800				330-500				
No. of MPP Trackers	10													
Max. Input Current (A)	10*40													
Max. Short-circuit Current (A)	10*50													
Output														
Rated Output Power (kW)	100	110	125	136	150	130	145	165	170	55	60	70	75	80
Max. Output Power (kW)	110	121	137,5	149,6	165	143	159,5	181,5	187	60,5	66	77	82,5	88
AC output rated apparent power (kVA)	100	110	125	136	150	130	145	165	170	55	60	70	75	80
Max. Apparent Power (kVA)	110	121	137,5	149,6	165	143	159,5	181,5	187	60,5	66	77	82,5	88
Rated Output Voltage (Vac)	3L/N/PE, 220/380, 230/400					3L/N/PE, 288/500				3L/N/PE, 127/220, 133/230				
Rated Frequency (Hz)	50/60													
AC output rated (A)	144,3	158,8	180,4	196,3	216,5	150,1	167,4	190,5	196,3	138,1	150,6	175,7	188,3	200,8
Max. Output (A)	159	175	199	216,8	239	165,1	184,2	209,6	215,9	158,8	173,2	202,1	216,5	230,9
The measured Inrush current (A)	55 A@8,7 ms													
Max Output Fault Current (A)	300													
Max Output Overcurrent (A)	300													
Power Factor	0,8 leading …0,8 lagging													
General information: Weight (KG): 92, IP66, -30~60, Relative Humidity0~100 (%), Operating Altitude: 4000m(derating>3000), Smart Fan Cooling, OLED & LED, RS485/WiFi/GPRS/LAN (Optional), AFCI (Optional).														

END