



Product Service

# Attestation of Conformity

No. E8A 127531 0004 Rev. 00

**Holder of Attestation:** **Jiangsu Skyworth New Energy Technology Co., Ltd**  
3F South, Plant 4, No.599 Taishan Road, High-tech Zone  
215129 Suzhou City, Jiangsu Province  
PEOPLE'S REPUBLIC OF CHINA

**Name of Object:** **PV inverter**  
**On-Grid Inverter**

This Attestation of Conformity is issued on a voluntary basis according to the Directive 2014/30/EU relating to electromagnetic compatibility. It confirms that the listed apparatus complies with the principal protection requirements of the directive and is based on the technical specifications applicable at the time of issuance. It refers only to the particular sample submitted for conformity assessment. For details see: [www.tuvsud.com/ps-cert](http://www.tuvsud.com/ps-cert)

**Test report no.:** 4840924389500

**Date,** 2025-01-17

( Xiao Xu )

Page 1 of 3

This Attestation does not replace the regulatory EU Declaration of Conformity (DoC) and does not allow for CE marking. After preparation of the necessary documentation and establishing compliance to requirements of all applicable directives, the manufacturer may sign a DoC and apply the CE marking. The DoC is issued under the sole responsibility of the manufacturer.



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**Model(s):** SW3000TL-S1-E1, SW3680TL-S1, SW4000TL-S1, SW4600TL-S1, SW5000TL-S1, SW6000TL-S1

## Description of Object:

Model	SW3000TL-S1-E1	SW3680TL-S1	SW4000TL-S1
<b>DC Input</b>			
Max. voltage	DC 550V	DC 550V	DC 550V
MPPT voltage range	DC 60-520V	DC 60-520V	DC 60-520V
Max. input current	DC 1*16A	DC 2*16A	DC 2*16A
Max. Short Circuit Current	DC 1*20A	DC 2*20A	DC 2*20A
<b>AC Output</b>			
Rated grid voltage	1/N/PE, AC220V/230/240V	1/N/PE, AC220V/230/240V	1/N/PE, AC220V/230/240V
Rated grid frequency	50/60Hz	50/60Hz	50/60Hz
Max. AC output current	AC 15A	AC 18.4A	AC 20A
Nominal AC Output	3000W	3680W	4000W
Max. AC Output	3300VA	4048VA	4400VA
Power Factor Range	1(±0.8 adjustable)	1(±0.8 adjustable)	1(±0.8 adjustable)
<b>Others</b>			
Ingress protection	IP66	IP66	IP66
Operating Ambient Temperature Range	-30°C-60°C	-30°C-60°C	-30°C-60°C
Inverter topology	non-isolated	non-isolated	non-isolated
Protective class	Class I	Class I	Class I

Page 2 of 3

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Model	SW4600TL-S1	SW5000TL-S1	SW6000TL-S1
<b>DC Input</b>			
Max. voltage	DC 550V	DC 550V	DC 550V
MPPT voltage range	DC 60-520V	DC 60-520V	DC 60-520V
Max. input current	DC 2*16A	DC 2*16A	DC 2*16A
Max. Short Circuit Current	DC 2*20A	DC 2*20A	DC 2*20A
<b>AC Output</b>			
Rated grid voltage	1/N/PE, AC220V/230/240V	1/N/PE, AC220V/230/240V	1/N/PE, AC220V/230/240V
Rated grid frequency	50/60Hz	50/60Hz	50/60Hz
Max. AC output current	AC 23A	AC 25A	AC 30A
Nominal AC Output	4600W	5000W	6000W
Max. AC Output	5060VA	5500VA	6600VA
Power Factor Range	1(±0.8 adjustable)	1(±0.8 adjustable)	1(±0.8 adjustable)
<b>Others</b>			
Ingress protection	IP66	IP66	IP66
Operating Ambient Temperature Range	-30°C-60°C	-30°C-60°C	-30°C-60°C
Inverter topology	non-isolated	non-isolated	non-isolated
Protective class	Class I	Class I	Class I

**Tested  
according to:**

EN IEC 61000-6-1:2019  
 EN IEC 61000-6-2:2019  
 EN IEC 61000-6-3:2021  
 EN IEC 61000-6-4:2019  
 EN 62920:2017/A1:2021  
 EN 55011:2016/A2:2021

Page 3 of 3

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