



Product Service

Compliance Document

No. D 127531 0001 Rev. 00

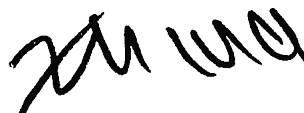
Holder of Certificate: **Jiangsu Skyworth New Energy Technology Co., Ltd**
 3F South, Plant 4, No.599 Taishan Road, High-tech Zone
 215129 Suzhou City, Jiangsu Province
 PEOPLE'S REPUBLIC OF CHINA

Product: **Converter**
On-Grid Inverter

This Compliance document confirms the compliance with the listed standards on a voluntary basis. It refers only to the sample submitted for testing and certification and does not certify the quality or safety of the serial products. For details see: www.tuvsud.com/ps-cert

Test report no.: 704092479706-00

Date, 2025-01-21


 (Zhengdong Ma)



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

Parameters:

Model	SW3000TL-S1-E1	SW3680TL-S1	SW4000TL-S1
PV inputs:			
Max. input voltage	DC 550 V	DC 550 V	DC 550 V
MPP voltage range	DC 60 ... 520 V	DC 60 ... 520 V	DC 60 ... 520 V
Max. input current	DC 16 A	DC 2x16 A	DC 2x16 A
Isc PV (absolute maximum)	DC 20 A	DC 2x20 A	DC 2x20 A
AC output			
Rated output voltage	AC 230 V	AC 230 V	AC 230 V
Rated output frequency	50 Hz	50 Hz	50 Hz
Max. output current	AC 15 A	AC 18.4 A	AC 20 A
Nominal AC active power	3000 W	3680 W	4000 W
Max. apparent output power	3300 VA	4048 VA	4400 VA
Displacement factor:	-0.8...1...+0.8	-0.8...1...+0.8	-0.8...1...+0.8

Model	SW4600TL-S1	SW5000TL-S1	SW6000TL-S1
PV inputs:			
Max. input voltage	DC 550 V	DC 550 V	DC 550 V
MPP voltage range	DC 60 ... 520 V	DC 60 ... 520 V	DC 60 ... 520 V
Max. input current	DC 2x16 A	DC 2x16 A	DC 2x16 A
Isc PV (absolute maximum)	DC 2x20 A	DC 2x20 A	DC 2x20 A
AC output			
Rated output voltage	AC 230 V	AC 230 V	AC 230 V
Rated output frequency	50 Hz	50 Hz	50 Hz
Max. output current	AC 23 A	AC 25 A	AC 30 A
Nominal AC active power	4600 W	5000 W	6000 W
Max. apparent output power	5060 VA	5500 VA	6600 VA
Displacement factor:	-0.8...1...+0.8	-0.8...1...+0.8	-0.8...1...+0.8

Tested according to:

IEC 61727:2004
IEC 62116:2014
IEC 61683:1999
EN 50530:2010/A1:2013
IEC 60068-2-1:2007
IEC 60068-2-2:2007
IEC 60068-2-14:2023
IEC 60068-2-30:2005