

Certificate of Conformity

By the product certificate number:

No. 2622/0462-B-CER

Issued to:

License holder:

AISWEI Technology (Shanghai) Co., Ltd.
Room 905B, 757 Mengzi Road, Huangpu District, 200023 Shanghai, China.

Trademark:



Manufacturer:

AISWEI New Energy Technology (Yangzhong) Co., Ltd.
No.588 Gangxing Road, Yangzhong, Jiangsu, China.

It is certified that the product:

Type of generating unit: **Grid-connected PV Inverter**

Models:	ASW3000-S-G2	ASW3680-S-G2	ASW4000-S-G2	ASW5000-S-G2	ASW6000-S-G2
Technical Data:					
Nominal power	3000 W	3680 W	4000 W	5000 W	6000 W
Nominal voltage	230 V _{ac}				
Nominal frequency	50 / 60 Hz				
Firmware version	Master Firmware version: V610-01055-01 Slave Firmware version: V610-01056-01 Safety Firmware version: V610-010010-01				
Number of phases	Single Phase				
Isolation Transformer	No				

Is in compliance with the standard:

- **IEC 61683:1999.**
Photovoltaic systems. Power conditioners. Procedure for measuring efficiency.

This certificate is based upon the test results of the Test Report GZES221001907802

The above-mentioned generating unit is certified according to the SGS internal procedure PE.T-ECPE-33 based on the requirements of the UNE-EN ISO / IEC 17065.

First issued on 25th October 2022

This certificate is valid until 25th October 2027

Madrid, 25th October 2022

Daniel Arranz Muñiz
Certification Manager



Summary of efficiency results measured for the tested models:

These efficiency results are representatives for the referred models with a testing frequency of 50Hz and 60Hz.
Power conditioner type – Grid Connected

ASW3000-S-G2						
Frequency	Test condition	10%Sn	25%Sn	50%Sn	75%Sn	100%Sn
50 Hz	Minimum rated input voltage ⁽¹⁾	94.5%	96.2%	96.1%	96.4%	96.1%
	Nominal input voltage ⁽²⁾	97.1%	97.7%	97.8%	97.6%	97.4%
	90% of the maximum rated input voltage ⁽³⁾	95.3%	96.9%	97.5%	97.2%	97.0%
60 Hz	Minimum rated input voltage ⁽¹⁾	94.4%	95.8%	96.2%	96.2%	95.8%
	Nominal input voltage ⁽²⁾	96.2%	97.7%	97.9%	97.7%	97.3%
	90% of the maximum rated input voltage ⁽³⁾	96.2%	97.3%	97.3%	97.2%	97.0%

⁽¹⁾200 V; ⁽²⁾360 V; ⁽³⁾500 V

ASW3680-S-G2						
Frequency	Test condition	10%Sn	25%Sn	50%Sn	75%Sn	100%Sn
50 Hz	Minimum rated input voltage ⁽¹⁾	93.8%	95.9%	96.2%	96.2%	96.0%
	Nominal input voltage ⁽²⁾	96.1%	97.5%	97.7%	97.5%	97.5%
	90% of the maximum rated input voltage ⁽³⁾	95.3%	97.4%	97.5%	97.3%	97.0%
60 Hz	Minimum rated input voltage ⁽¹⁾	93.8%	95.9%	96.4%	96.0%	95.9%
	Nominal input voltage ⁽²⁾	96.1%	97.8%	98.1%	97.4%	97.2%
	90% of the maximum rated input voltage ⁽³⁾	95.3%	97.1%	97.5%	97.3%	97.2%

⁽¹⁾200 V; ⁽²⁾360 V; ⁽³⁾500 V

ASW4000-S-G2						
Frequency	Test condition	10%Sn	25%Sn	50%Sn	75%Sn	100%Sn
50 Hz	Minimum rated input voltage ⁽¹⁾	93.8%	95.9%	96.3%	96.1%	95.1%
	Nominal input voltage ⁽²⁾	95.7%	97.8%	97.8%	97.4%	97.3%
	90% of the maximum rated input voltage ⁽³⁾	96.4%	97.6%	97.2%	97.2%	96.9%
60 Hz	Minimum rated input voltage ⁽¹⁾	93.7%	95.6%	96.2%	96.2%	96.1%
	Nominal input voltage ⁽²⁾	96.4%	97.8%	97.7%	97.5%	97.2%
	90% of the maximum rated input voltage ⁽³⁾	96.4%	97.6%	97.4%	97.1%	97.1%

⁽¹⁾200 V; ⁽²⁾360 V; ⁽³⁾500 V

ASW5000-S-G2						
Frequency	Test condition	10%Sn	25%Sn	50%Sn	75%Sn	100%Sn
50 Hz	Minimum rated input voltage ⁽¹⁾	94.9%	96.2%	96.2%	96.0%	95.6%
	Nominal input voltage ⁽²⁾	96.5%	97.9%	97.6%	97.3%	97.1%
	90% of the maximum rated input voltage ⁽³⁾	96.5%	97.7%	97.3%	97.3%	96.8%
60 Hz	Minimum rated input voltage ⁽¹⁾	94.9%	96.0%	96.1%	95.8%	95.7%
	Nominal input voltage ⁽²⁾	96.5%	97.9%	97.8%	97.0%	96.9%
	90% of the maximum rated input voltage ⁽³⁾	96.5%	97.7%	97.4%	97.4%	96.9%

⁽¹⁾200 V; ⁽²⁾360 V; ⁽³⁾500 V

ASW6000-S-G2						
Frequency	Test condition	10%Sn	25%Sn	50%Sn	75%Sn	100%Sn
50 Hz	Minimum rated input voltage ⁽¹⁾	94.8%	96.2%	96.1%	95.9%	95.4%
	Nominal input voltage ⁽²⁾	96.6%	97.9%	97.4%	97.3%	96.7%
	90% of the maximum rated input voltage ⁽³⁾	96.6%	97.7%	97.3%	97.1%	96.5%
60 Hz	Minimum rated input voltage ⁽¹⁾	94.8%	96.3%	96.2%	96.0%	95.6%
	Nominal input voltage ⁽²⁾	98.5%	97.7%	97.6%	97.3%	96.7%
	90% of the maximum rated input voltage ⁽³⁾	96.7%	97.7%	97.3%	96.9%	96.6%

⁽¹⁾200 V; ⁽²⁾360 V; ⁽³⁾500 V

