

Certificate of Conformity

By the product certificate number:

No. 2623/0042-3-B-CER

Issued to:

License holder:

AISWEI Technology Co., Ltd.

Room 905B, 757 Mengzi Road, Huangpu District,

200023 Shanghai, P.R. China

Trademark:

👍 Solplanet

Manufacturer:

AlSWEI New Energy Technology (YangZhong) Co., Ltd. No. 588 Gangxing Road, Yangzhong, Zhenjiang, China

It is certified that the product:

Type of generating unit:

Grid-connected PV Inverter

Models:

ASW75K-LT

ASW80K-LT

ASW100K-LT

ASW110K-LT

Technical Data:

Nominal power [W]

75000

80000

100000

Nominal voltage [V]

oltage [V]

SOROS DESERVE

3/N/PE; 230 V / 400 V

110000

Nominal frequency [Hz]

0103.050505 0103.050505

50 / 60

Firmware version

Master Firmware version: V610-04001-02 Safety Firmware version: V610-12001-00

Three Phases

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Number of phases
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 GZES230100085502.

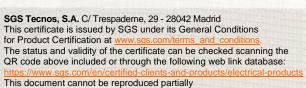
The above-mentioned generating unit is certified according to the SGS internal procedure PE.T-ECPE-33 based on the requirements of the UNE-EN ISO / IEC 17065.

First issued on 22nd February 2023 This certificate is valid until 22nd February 2028

Madrid, 22nd February 2023

Daniel Arranz Muñiz Certification Manager









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Summary efficiency results measured for the tested models:

These efficiency results are representatives for the referred models with a testing frequency of 50Hz.

Power conditioner type - Grid Connected

ASW75K-LT						
Test condition	10%Sn	25%Sn	50%Sn	75%Sn	100%Sn	
Minimum rated input voltage (1)	94.0%	96.3%	97.2%	97.6%	97.8%	
Nominal input voltage (2)	94.7%	97.8%	98.5%	98.8%	98.8%	
90% of the maximum rated input voltage (3)	92.7%	96.5%	97.7%	98.0%	98.0%	

^{(1) 460} V; (2)630 V; (3)850 V

ASW80K-LT							
Test condition	10%Sn	25%Sn	50%Sn	75%Sn	100%Sn		
Minimum rated input voltage (1)	94.5%	96.6%	97.5%	97.8%	97.8%		
Nominal input voltage (2)	95.3%	97.7%	98.6%	98.7%	98.8%		
90% of the maximum rated input voltage (3)	92.7%	96.5%	97.7%	98.0%	98.0%		

⁽¹⁾ 460 V; ⁽²⁾630 V; ⁽³⁾850 V

ASW100K-LT							
Test condition	10%Sn	25%Sn	50%Sn	75%Sn	100%Sn		
Minimum rated input voltage (1)	94.9%	96.9%	97.7%	97.8%	97.8%		
Nominal input voltage (2)	95.9%	98.0%	98.8%	98.8%	98.7%		
90% of the maximum rated input voltage (3)	94.0%	96.9%	97.8%	98.0%	98.0%		

^{(1) 460} V; (2)630 V; (3)850 V

ASW110K-LT							
Test condition	10%Sn	25%Sn	50%Sn	75%Sn	100%Sn		
Minimum rated input voltage (1)	95.4%	97.0%	97.7%	97.8%	97.7%		
Nominal input voltage (2)	96.4%	98.0%	98.8%	98.8%	98.8%		
90% of the maximum rated input voltage (3)	93.3%	96.6%	97.9%	98.0%	98.0%		

^{(1) 460} V; (2)630 V; (3)850 V







These efficiency results are representatives for the referred models with a testing frequency of 60Hz.

Power conditioner type - Grid Connected

ASW75K-LT						
Test condition	10%Sn	25%Sn	50%Sn	75%Sn	100%Sn	
Minimum rated input voltage (1)	93.9%	96.1%	97.1%	97.5%	97.7%	
Nominal input voltage (2)	94.6%	97.6%	98.4%	98.7%	98.7%	
90% of the maximum rated input voltage (3)	92.5%	96.4%	97.6%	97.9%	97.9%	

(1) 460 V; (2)630 V; (3)850 V

ASW80K-LT						
Test condition	10%Sn	25%Sn	50%Sn	75%Sn	100%Sn	
Minimum rated input voltage (1)	94.4%	96.5%	97.4%	97.7%	97.7%	
Nominal input voltage (2)	95.2%	97.6%	98.6%	98.6%	98.7%	
90% of the maximum rated input voltage (3)	92.5%	96.4%	97.6%	97.9%	97.9%	

(1) 460 V; (2)630 V; (3)850 V

ASW100K-LT						
Test condition	10%Sn	25%Sn	50%Sn	75%Sn	100%Sn	
Minimum rated input voltage (1)	94.8%	96.8%	97.6%	97.7%	97.7%	
Nominal input voltage (2)	95.9%	97.8%	98.6%	98.7%	98.6%	
90% of the maximum rated input voltage (3)	93.7%	96.8%	97.7%	97.9%	97.9%	

(1) 460 V; (2)630 V; (3)850 V

ASW110K-LT						
Test condition	10%Sn	25%Sn	50%Sn	75%Sn	100%Sn	
Minimum rated input voltage (1)	95.2%	96.9%	97.6%	97.7%	97.6%	
Nominal input voltage (2)	96.2%	97.9%	98.7%	98.7%	98.7%	
90% of the maximum rated input voltage (3)	93.3%	96.5%	97.8%	98.0%	98.0%	

⁽¹⁾ 460 V; ⁽²⁾630 V; ⁽³⁾850 V



