

# Certificate of Conformity

By the product certificate number:

No. 2622/0565-B-CER

Issued to:

License holder:

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

Trademark:



Manufacturer:

**AISWEI 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:

ASW25K-LT-G3 / ASW27K-LT-G3 / ASW30K-LT-G3 /  
ASW33K-LT-G3 / ASW36K-LT-G3 / ASW40K-LT-G3

Technical Data:

Nominal power [W]	See page 2
Nominal voltage [V]	3/N/PE; 230 V / 400 V
Nominal frequency [Hz]	50 / 60
Firmware version	See page 2
Number of phases	Three 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 GZES220701316402.

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 11<sup>th</sup> January 2023

This certificate is valid until 11<sup>th</sup> January 2028

Madrid, 11<sup>th</sup> January 2023

Daniel Arranz Muñiz  
Certification Manager



**Full list of product references and nominal characteristics:**

Product Model	ASW25K-LT-G3	ASW27K-LT-G3	ASW30K-LT-G3
<b>Input (DC)</b>			
Max.DC Voltage (V)	1100		
MPPT Voltage Range (V)	180 ~ 1000		
MPPT Full load voltage range (V)	450 ~ 850		
Max. input current (A)	32 / 32 / 32		
<b>Output (AC)</b>			
Rated active power (W)	25000	27000	30000
Max. apparent AC power (VA)	27500	29700	33000
Max. Output Current (A)	39.9	43.0	47.8
Nominal Grid Voltage (V)	3/N/PE, 230/400		
Nominal Frequency (Hz)	50 / 60		
<b>General Data</b>			
Firmware version	Master Firmware version: V610-03041-05 Slave Firmware version: V610-60009-00 Safety Firmware version: V610-11007-02		

Product Model	ASW33K-LT-G3	ASW36K-LT-G3	ASW40K-LT-G3
<b>Input (DC)</b>			
Max.DC Voltage (V)	1100		
MPPT Voltage Range (V)	180 ~ 1000		
MPPT Full load voltage range (V)	450 ~ 850		
Max. input current (A)	32 / 32 / 40		
<b>Output (AC)</b>			
Rated active power (W)	33000	36000	40000
Max. apparent AC power (VA)	36300	39600	44000
Max. Output Current (A)	52.6	57.4	63.8
Nominal Grid Voltage (V)	3/N/PE, 230/400		
Nominal Frequency (Hz)	50 / 60		
<b>General Data</b>			
Firmware version	Master Firmware version: V610-03041-05 Slave Firmware version: V610-60009-00 Safety Firmware version: V610-11007-02		



**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

ASW25K-LT-G3					
Test condition	10%Sn	25%Sn	50%Sn	75%Sn	100%Sn
Minimum rated input voltage <sup>(1)</sup>	94.6%	96.4%	96.9%	97.1%	96.8%
Nominal input voltage <sup>(2)</sup>	97.0%	97.8%	98.0%	98.1%	98.0%
90% of the maximum rated input voltage <sup>(3)</sup>	94.6%	97.1%	97.3%	97.6%	97.4%

<sup>(1)</sup> 450 V; <sup>(2)</sup>630 V; <sup>(3)</sup>850 V

ASW27K-LT-G3					
Test condition	10%Sn	25%Sn	50%Sn	75%Sn	100%Sn
Minimum rated input voltage <sup>(1)</sup>	94.9%	96.4%	97.0%	97.0%	96.8%
Nominal input voltage <sup>(2)</sup>	97.0%	97.7%	98.0%	98.1%	97.9%
90% of the maximum rated input voltage <sup>(3)</sup>	94.9%	97.2%	97.2%	97.4%	97.3%

<sup>(1)</sup> 450 V; <sup>(2)</sup>630 V; <sup>(3)</sup>850 V

ASW30K-LT-G3					
Test condition	10%Sn	25%Sn	50%Sn	75%Sn	100%Sn
Minimum rated input voltage <sup>(1)</sup>	94.9%	96.5%	97.0%	96.7%	96.5%
Nominal input voltage <sup>(2)</sup>	97.3%	97.6%	98.2%	98.0%	97.8%
90% of the maximum rated input voltage <sup>(3)</sup>	95.3%	97.1%	97.6%	97.4%	97.2%

<sup>(1)</sup> 450 V; <sup>(2)</sup>630 V; <sup>(3)</sup>850 V

ASW33K-LT-G3					
Test condition	10%Sn	25%Sn	50%Sn	75%Sn	100%Sn
Minimum rated input voltage <sup>(1)</sup>	94.8%	96.4%	96.7%	96.7%	96.6%
Nominal input voltage <sup>(2)</sup>	97.3%	97.8%	98.0%	98.1%	97.9%
90% of the maximum rated input voltage <sup>(3)</sup>	94.9%	96.9%	97.4%	97.4%	97.4%

<sup>(1)</sup> 450 V; <sup>(2)</sup>630 V; <sup>(3)</sup>850 V

ASW36K-LT-G3					
Test condition	10%Sn	25%Sn	50%Sn	75%Sn	100%Sn
Minimum rated input voltage <sup>(1)</sup>	95.1%	96.6%	96.7%	96.7%	96.6%
Nominal input voltage <sup>(2)</sup>	97.4%	98.2%	98.2%	98.0%	97.8%
90% of the maximum rated input voltage <sup>(3)</sup>	95.3%	96.9%	97.4%	97.4%	97.2%

<sup>(1)</sup> 450 V; <sup>(2)</sup>630 V; <sup>(3)</sup>850 V

ASW40K-LT-G3					
Test condition	10%Sn	25%Sn	50%Sn	75%Sn	100%Sn
Minimum rated input voltage <sup>(1)</sup>	95.3%	96.8%	97.0%	96.7%	96.3%
Nominal input voltage <sup>(2)</sup>	97.7%	97.6%	98.1%	97.9%	97.6%
90% of the maximum rated input voltage <sup>(3)</sup>	95.7%	97.1%	97.5%	97.4%	97.1%

<sup>(1)</sup> 450 V; <sup>(2)</sup>630 V; <sup>(3)</sup>850 V



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

Power conditioner type – Grid Connected

ASW25K-LT-G3					
Test condition	10%Sn	25%Sn	50%Sn	75%Sn	100%Sn
Minimum rated input voltage <sup>(1)</sup>	94.8%	96.4%	97.0%	97.1%	97.0%
Nominal input voltage <sup>(2)</sup>	97.1%	97.5%	98.3%	98.2%	98.1%
90% of the maximum rated input voltage <sup>(3)</sup>	94.9%	97.1%	97.7%	97.6%	97.5%

<sup>(1)</sup> 450 V; <sup>(2)</sup>630 V; <sup>(3)</sup>850 V

ASW27K-LT-G3					
Test condition	10%Sn	25%Sn	50%Sn	75%Sn	100%Sn
Minimum rated input voltage <sup>(1)</sup>	94.9%	96.5%	97.0%	96.9%	96.8%
Nominal input voltage <sup>(2)</sup>	97.0%	98.2%	98.3%	98.3%	98.1%
90% of the maximum rated input voltage <sup>(3)</sup>	95.0%	97.2%	97.6%	97.6%	97.4%

<sup>(1)</sup> 450 V; <sup>(2)</sup>630 V; <sup>(3)</sup>850 V

ASW30K-LT-G3					
Test condition	10%Sn	25%Sn	50%Sn	75%Sn	100%Sn
Minimum rated input voltage <sup>(1)</sup>	95.2%	96.6%	96.8%	96.9%	96.7%
Nominal input voltage <sup>(2)</sup>	97.4%	98.3%	98.3%	98.1%	98.0%
90% of the maximum rated input voltage <sup>(3)</sup>	95.4%	97.4%	97.7%	97.5%	97.3%

<sup>(1)</sup> 450 V; <sup>(2)</sup>630 V; <sup>(3)</sup>850 V

ASW33K-LT-G3					
Test condition	10%Sn	25%Sn	50%Sn	75%Sn	100%Sn
Minimum rated input voltage <sup>(1)</sup>	95.1%	96.9%	96.9%	97.0%	96.9%
Nominal input voltage <sup>(2)</sup>	97.3%	98.3%	98.4%	98.3%	98.0%
90% of the maximum rated input voltage <sup>(3)</sup>	94.8%	97.1%	97.6%	97.6%	97.4%

<sup>(1)</sup> 450 V; <sup>(2)</sup>630 V; <sup>(3)</sup>850 V

ASW36K-LT-G3					
Test condition	10%Sn	25%Sn	50%Sn	75%Sn	100%Sn
Minimum rated input voltage <sup>(1)</sup>	95.1%	96.3%	97.0%	97.0%	96.8%
Nominal input voltage <sup>(2)</sup>	97.4%	98.4%	98.5%	98.2%	98.1%
90% of the maximum rated input voltage <sup>(3)</sup>	95.1%	97.2%	97.6%	97.6%	97.4%

<sup>(1)</sup> 450 V; <sup>(2)</sup>630 V; <sup>(3)</sup>850 V

ASW40K-LT-G3					
Test condition	10%Sn	25%Sn	50%Sn	75%Sn	100%Sn
Minimum rated input voltage <sup>(1)</sup>	95.5%	96.4%	97.0%	96.9%	96.6%
Nominal input voltage <sup>(2)</sup>	97. %5	98.3%	98.3%	98.2%	97.9%
90% of the maximum rated input voltage <sup>(3)</sup>	95.7%	97.4%	97.7%	97.4%	97.2%

<sup>(1)</sup> 450 V; <sup>(2)</sup>630 V; <sup>(3)</sup>850 V

