

Certificate of Conformity

By the product certificate number:

No. 2622/0284-C-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:

ASW20K-LT-G2 Pro / ASW17K-LT-G2 Pro / ASW15K-LT-G2 Pro ASW13K -LT-G2 Pro /
ASW12K-LT-G2 Pro / ASW10K-LT-G2 Pro / ASW8K-LT-G2 Pro / ASW6K-LT-G2 Pro /
ASW5K-LT-G2 Pro / ASW4K-LT-G2 Pro / ASW3K-LT-G2 Pro.

Technical Data:

Nominal power [W]

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Nominal voltage [V]

230

Nominal frequency [Hz]

50

Firmware version

Master Firmware version: V610-03043-01
Slave Firmware version: V610-60009-00
Safety Firmware version: V610-11009-00

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 GZES220400574503

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 June 2022

This certificate is valid until 22nd June 2027

Madrid, 22nd June 2022

Daniel Arranz Muñiz
Certification Manager



Full list of product references and nominal characteristics:

Product Model	ASW3K-LT-G2 Pro	ASW4K-LT-G2 Pro	ASW5K-LT-G2 Pro	ASW6K-LT-G2 Pro
Input (DC)				
Max.DC Voltage (V)	1100			
MPPT Voltage Range (V)	150 ~ 1000			
Full load DC voltage range (V)	270 ~ 850			
Max. input current (A)	16/16			
Output (AC)				
Rated active power (W)	3000	4000	5000	6000
Max. apparent AC power (VA)	3300	4400	5500	6600
Max. Output Current (A)	3*4.8	3*6.4	3*8.0	3*9.6
Nominal Grid Voltage (V)	230 (3 /N/PE)			
Nominal Frequency (Hz)	50			

Product Model	ASW8K-LT-G2 Pro	ASW10K-LT-G2 Pro	ASW12K-LT-G2 Pro	ASW13K-LT-G2 Pro
Input (DC)				
Max.DC Voltage (V)	1100			
MPPT Voltage Range (V)	150 ~ 1000			
Full load DC voltage range (V)	400 ~ 850			
Max. input current (A)	20/16		32/20	
Output (AC)				
Rated active power (W)	8000	10000	12000	13000
Max. apparent AC power (VA)	8800	11000	13200	14300
Max. Output Current (A)	3*12.8	3*16.0	3*19.1	3*20.7
Nominal Grid Voltage (V)	230 (3 /N/PE)			
Nominal Frequency (Hz)	50			

Product Model	ASW15K-LT-G2 Pro	ASW17K-LT-G2 Pro	ASW20K-LT-G2 Pro
Input (DC)			
Max.DC Voltage (V)	1100		
MPPT Voltage Range (V)	150 ~ 1000		
Full load DC voltage range (V)	400 ~ 850		
Max. input current (A)	32/20	32/32	
Output (AC)			
Rated active power (W)	15000	17000	20000
Max. apparent AC power (VA)	16500	18700	22000
Max. Output Current (A)	3*24.0	3*27.1	3*31.9
Nominal Grid Voltage (V)	230 (3 /N/PE)		
Nominal Frequency (Hz)	50		



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

ASW20K-LT-G2 Pro					
Test condition	10%Sn	25%Sn	50%Sn	75%Sn	100%Sn
Minimum rated input voltage ⁽¹⁾	95.9%	97.1%	97.3%	97.1%	96.8%
Nominal input voltage ⁽²⁾	97.0%	98.3%	98.4%	98.3%	98.1%
90% of the maximum rated input voltage ⁽³⁾	95.4%	97.3%	97.6%	97.6%	97.4%

⁽¹⁾ 400 V; ⁽²⁾ 630 V; ⁽³⁾ 850 V

ASW17K-LT-G2 Pro					
Test condition	10%Sn	25%Sn	50%Sn	75%Sn	100%Sn
Minimum rated input voltage ⁽¹⁾	95.5%	96.8%	97.4%	97.3%	97.1%
Nominal input voltage ⁽²⁾	97.0%	98.2%	98.4%	98.3%	98.2%
90% of the maximum rated input voltage ⁽³⁾	94.3%	96.7%	97.3%	97.4%	97.4%

⁽¹⁾ 400 V; ⁽²⁾ 630 V; ⁽³⁾ 850 V

ASW15K-LT-G2 Pro					
Test condition	10%Sn	25%Sn	50%Sn	75%Sn	100%Sn
Minimum rated input voltage ⁽¹⁾	95.1%	96.8%	97.3%	97.4%	97.2%
Nominal input voltage ⁽²⁾	96.3%	97.8%	98.4%	98.4%	98.3%
90% of the maximum rated input voltage ⁽³⁾	94.0%	96.5%	97.5%	97.6%	97.6%

⁽¹⁾ 400 V; ⁽²⁾ 630 V; ⁽³⁾ 850 V

ASW13K-LT-G2 Pro					
Test condition	10%Sn	25%Sn	50%Sn	75%Sn	100%Sn
Minimum rated input voltage ⁽¹⁾	95.0%	96.6%	97.3%	97.4%	97.3%
Nominal input voltage ⁽²⁾	95.8%	97.7%	98.4%	98.4%	98.3%
90% of the maximum rated input voltage ⁽³⁾	93.0%	96.5%	97.5%	97.6%	97.6%

⁽¹⁾ 400 V; ⁽²⁾ 630 V; ⁽³⁾ 850 V

ASW12K-LT-G2 Pro					
Test condition	10%Sn	25%Sn	50%Sn	75%Sn	100%Sn
Minimum rated input voltage ⁽¹⁾	94.6%	96.5%	97.2%	97.4%	97.4%
Nominal input voltage ⁽²⁾	95.6%	97.5%	98.3%	98.4%	98.4%
90% of the maximum rated input voltage ⁽³⁾	93.6%	96.5%	97.4%	97.6%	97.6%

⁽¹⁾ 400 V; ⁽²⁾ 630 V; ⁽³⁾ 850 V

ASW10K-LT-G2 Pro					
Test condition	10%Sn	25%Sn	50%Sn	75%Sn	100%Sn
Minimum rated input voltage ⁽¹⁾	94.1%	96.2%	97.1%	97.4%	97.4%
Nominal input voltage ⁽²⁾	95.1%	97.3%	98.3%	98.4%	98.4%
90% of the maximum rated input voltage ⁽³⁾	92.2%	96.1%	97.3%	97.5%	97.6%

⁽¹⁾ 400 V; ⁽²⁾ 630 V; ⁽³⁾ 850 V



ASW8K-LT-G2 Pro					
Test condition	10%Sn	25%Sn	50%Sn	75%Sn	100%Sn
Minimum rated input voltage ⁽¹⁾	93.9%	95.9%	96.9%	97.3%	97.4%
Nominal input voltage ⁽²⁾	94.2%	97.5%	98.1%	98.4%	98.4%
90% of the maximum rated input voltage ⁽³⁾	90.8%	95.4%	97.0%	97.4%	97.6%

⁽¹⁾ 400 V; ⁽²⁾630 V; ⁽³⁾850 V

ASW6K-LT-G2 Pro					
Test condition	10%Sn	25%Sn	50%Sn	75%Sn	100%Sn
Minimum rated input voltage ⁽¹⁾	91.2%	93.5%	94.9%	95.3%	95.6%
Nominal input voltage ⁽²⁾	93.9%	96.6%	97.3%	97.4%	97.7%
90% of the maximum rated input voltage ⁽³⁾	92.8%	95.9%	97.0%	97.1%	97.1%

⁽¹⁾ 270 V; ⁽²⁾560 V; ⁽³⁾850 V

ASW5K-LT-G2 Pro					
Test condition	10%Sn	25%Sn	50%Sn	75%Sn	100%Sn
Minimum rated input voltage ⁽¹⁾	90.7%	93.4%	94.6%	95.2%	95.5%
Nominal input voltage ⁽²⁾	93.4%	96.2%	97.1%	97.7%	97.6%
90% of the maximum rated input voltage ⁽³⁾	91.8%	95.5%	96.7%	97.0%	97.1%

⁽¹⁾ 270 V; ⁽²⁾560 V; ⁽³⁾850 V

ASW4K-LT-G2 Pro					
Test condition	10%Sn	25%Sn	50%Sn	75%Sn	100%Sn
Minimum rated input voltage ⁽¹⁾	90.4%	92.7%	94.0%	94.8%	95.3%
Nominal input voltage ⁽²⁾	92.1%	95.8%	97.0%	97.4%	97.6%
90% of the maximum rated input voltage ⁽³⁾	90.2%	94.8%	96.5%	97.0%	97.3%

⁽¹⁾ 270 V; ⁽²⁾560 V; ⁽³⁾850 V

ASW3K-LT-G2 Pro					
Test condition	10%Sn	25%Sn	50%Sn	75%Sn	100%Sn
Minimum rated input voltage ⁽¹⁾	87.9%	92.5%	93.8%	94.4%	95.0%
Nominal input voltage ⁽²⁾	90.0%	94.9%	96.5%	97.1%	97.3%
90% of the maximum rated input voltage ⁽³⁾	97.0%	96.7%	95.9%	96.7%	97.0%

⁽¹⁾ 270 V; ⁽²⁾560 V; ⁽³⁾850 V

