

## 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:	solplanet	
Manufacturer:	AISWEI New Energy Technology (YangZhong) Co No. 588 Gangxing Road, Yangzhong, Zhenjiang, Chir	
It is certified that the proc	luct:	
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, 11th January 2023

Daniel Arranz Muñiz Certification Manager



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Full list of product references and nominal characteristics:

Product Model	ASW25K-LT-G3	ASW27K-LT-G3	ASW30K-LT-G3				
Input (DC)							
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						
Output (AC)							
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					
General Data							
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				
Input (DC)			•				
Max.DC Voltage (V)		1100					
MPPT Voltage Range (V)		180 ~ 1000	6505055 6505505				
MPPT Full load voltage range (V)		450 ~ 850	INTO SOLUCIO				
Max. input current (A)		32 / 32 / 40					
Output (AC)							
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)	Suscession and an	3/N/PE, 230/400					
Nominal Frequency (Hz)		50 / 60					
General Data							
Firmware version	Master Firmware version: V610-03041-05 Slave Firmware version: V610-60009-00 Safety Firmware version: V610-11007-02						



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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

ASW25K-LT-G3						
10%Sn	25%Sn	50%Sn	75%Sn	100%Sn		
94.6%	96.4%	96.9%	97.1%	96.8%		
97.0%	97.8%	98.0%	98.1%	98.0%		
94.6%	97.1%	97.3%	97.6%	97.4%		
	<b>10%Sn</b> 94.6% 97.0%	10%Sn 25%Sn   94.6% 96.4%   97.0% 97.8%	10%Sn 25%Sn 50%Sn   94.6% 96.4% 96.9%   97.0% 97.8% 98.0%	10%Sn 25%Sn 50%Sn 75%Sn   94.6% 96.4% 96.9% 97.1%   97.0% 97.8% 98.0% 98.1%		

<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%	
(1) 450 11: (2) 620 11: (3) 950 11	ILSUS CST. STORES	AUGUSUSUSUSUSUSU	585		the Charles State	

<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 (3)	95.3%	97.1%	97.6%	97.4%	97.2%	
(1) 150 V/· (2)630 V/· (3)850 V	ALCONO DE LA CALLER	V.S.C.S.C.S.C.S.C.S.C.C.				

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

75%Sn	
13/0311	100%Sn
96.7%	96.6%
98.1%	97.9%
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 (1)	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	OBASESS ASSA	no constants a set se	0000000000			

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%	
(1) 450 1/. (2) 620 1/. (3) 950 1/	Long Contractor		SU VASILASSASSAN	A CONTRACTOR I		

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

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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 (3)	94.9%	97.1%	97.7%	97.6%	97.5%	
(1) 150 1/: (2)620 1/: (3)950 1/	Gistor Leader		\$7.50 CASA56 CET			

<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	COOL CONCERNS	Soonsool Land	5650			

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 (3)	95.4%	97.4%	97.7%	97.5%	97.3%	
(1) 450 V/· (2)630 V/· (3)850 V/	0303030130130	1.3450.56975597	565			

(1) 450 V; (2) 630 V; (3) 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 (2)	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%			
(1) 150 1/. (2)630 1/. (3)850 1/			04.01004.0140					

<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 (3)	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	030505050505050	0120305050	503055550					

<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		CSNS4Statest	st.Scanstornstorn	SAS.				



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