

Certificate of Conformity

By the product certificate	number:	No. 2622/0367-C-CER
Issued to:		
License holder:	AISWEI Technology (Shanghai) Co Room 905B, 757 Mengzi Road, Hua 200023 Shanghai, P.R. China	
Trademark:	Solplanet	
Manufacturer:	AISWEI New Energy Technology (No. 588 Gangxing Road, Yangzhong	
It is certified that the prod	luct:	
Type of generating unit:	Grid-connected PV Inverter	
Models:		G2
Technical Data:	Nominal power [W]	See page 2
	Nominal voltage [V]	230 / 400
	Nominal frequency [Hz]	50 / 60
	Firmware version	Master Firmware version: V610-03038-04 Slave Firmware version: V610-60009-00 Safety Firmware version: V610-11004-02
	Number of phases	Three Phases
	Isolation Transformer	Νο

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 GZES220701399803 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 August 2022 This certificate is valid until 25th August 2027

Madrid, 25th August 2022

Daniel Arranz Muñiz Certification Manager



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Full list of product references and nominal characteristics:

Product Model	ASW30K-LT-G2	ASW33K-LT-G2	ASW36K-LT-G2					
Input (DC)								
Max.DC Voltage (V)		1100						
MPPT Voltage Range (V)	200 ~ 1000							
Full load DC voltage range (V)	400 ~ 935 440 ~ 935 470 ~ 935							
Max. input current (A)	3*26							
	Output (AC	C)						
Rated active power (W)	30000	33000	36000					
Max. apparent AC power (VA)	30000	33000	36000					
Max. Output Current (A)	43.5	47.8	52.2					
Nominal Grid Voltage (V)	230 / 400 (3 /N/PE)							
Nominal Frequency (Hz)		50 / 60						
Product Model	ASW40K-LT-G2	ASW45K-LT-G2	ASW50K-LT-G2					
Input (DC)								
Max.DC Voltage (V)	1100							
MPPT Voltage Range (V)	200 ~ 1000							
Full load DC voltage range (V)	400 ~ 935	440 ~ 935	400 ~ 935					
Max. input current (A)	3*26							
	Output (AC	1						
Rated active power (W)	40000	45000	50000					
Max. apparent AC power (VA)	40000	45000	50000					
Max. Output Current (A)	58.0	65.2	72.5					
Nominal Grid Voltage (V)		230 / 400 (3 /N/PE)	rensitististististi					
Nominal Frequency (Hz)		50 / 60						
656565656565 0565656565656		ENERGIA SUSANASOSASAS						
Product Model	ASW40K-LT-G2 Pro	ASW45K-LT-G2 Pro	ASW50K-LT-G2 Pro					
Input (DC)								
Max.DC Voltage (V)		1100						
MPPT Voltage Range (V)	Suscession and a suscession of the suscession of the	200 ~ 1000						
Full load DC voltage range (V)	400 ~ 935	400 ~ 935	400 ~ 935					
Max. input current (A)	4*	32	5*32					
	Output (AC		-					
Rated active power (W)	40000	45000	50000					
Max. apparent AC power (VA)	40000	45000	50000					
Max. Output Current (A)	58.0	65.2	72.5					
Nominal Grid Voltage (V)		230 / 400 (3 /N/PE)						
Nominal Frequency (Hz)	SGSDSDDDGSCSDSDDCGSDSDCG	50 / 60						



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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

ASW30K-LT-G2							
est condition		10%Sn	25%Sn	50%Sn	75%Sn	100%Sn	
linimum rated input voltage ⁽¹⁾	Gen Conserve	95.2%	96.9%	97.2%	97.0%	96.7%	
ominal input voltage ⁽²⁾		96.4%	97.8%	98.0%	97.9%	97.7%	
0% of the maximum rated inpu	it voltage (3)	94.1%	96.4%	97.1%	97.2%	97.1%	
0% of the maximum rated inpu 00 V; ⁽²⁾ 630 V; ⁽³⁾ 1000 V	it voltage ⁽³⁾	94.1%	96.4%	97.1	%	% 97.2%	

ASW33K-LT-G2							
Test condition	10%Sn	25%Sn	50%Sn	75%Sn	100%Sn		
Minimum rated input voltage ⁽¹⁾	95.8%	97.0%	97.4%	97.2%	96.4%		
Nominal input voltage ⁽²⁾	96.4%	97.7%	97.8%	97.8%	97.7%		
90% of the maximum rated input voltage ⁽³⁾	93.9%	96.7%	97.1%	97.2%	96.8%		
¹⁾ 440 V; ⁽²⁾ 630 V; ⁽³⁾ 1000 V					121200		

ASW36K-LT-G2 Test condition 75%Sn 100%Sn 10%Sn 25%Sn 50%Sn 96.2% 97.4% 97.2% Minimum rated input voltage (1) 97.4% 97.3% Nominal input voltage (2) 96.7% 97.8% 98.0% 97.8% 97.8% 90% of the maximum rated input voltage (3) 94.3% 96.6% 97.2% 97.3% 96.8%

(1) 470 V; ⁽²⁾630 V; ⁽³⁾1000 V

ASW40K-LT-G2							
10%Sn	25%Sn	50%Sn	75%Sn	100%Sn			
95.5%	96.8%	97.1%	96.8%	96.1%			
96.7%	97.7%	97.9%	97.8%	97.7%			
94.7%	96.7%	97.1%	97.2%	96.8%			
	10%Sn 95.5% 96.7%	10%Sn 25%Sn 95.5% 96.8% 96.7% 97.7%	10%Sn 25%Sn 50%Sn 95.5% 96.8% 97.1% 96.7% 97.7% 97.9%	10%Sn 25%Sn 50%Sn 75%Sn 95.5% 96.8% 97.1% 96.8% 96.7% 97.7% 97.9% 97.8%			

⁽¹⁾ 400 V; ⁽²⁾630 V; ⁽³⁾1000 V

ASW45K-LT-G2							
10%Sn	25%Sn	50%Sn	75%Sn	100%Sn			
96.0%	97.2%	97.2%	97.2%	96.4%			
96.9%	97.8%	97.9%	98.1%	97.3%			
95.0%	96.8%	97.1%	97.0%	96.8%			
	10%Sn 96.0% 96.9%	10%Sn25%Sn96.0%97.2%96.9%97.8%	10%Sn 25%Sn 50%Sn 96.0% 97.2% 97.2% 96.9% 97.8% 97.9%	10%Sn 25%Sn 50%Sn 75%Sn 96.0% 97.2% 97.2% 97.2% 96.9% 97.8% 97.9% 98.1%			

(1) 440 V; (2)630 V; (0)1000 V

ASW50K-LT-G2							
10%Sn	25%Sn	50%Sn	75%Sn	100%Sn			
95.8%	97.0%	97.1%	96.5%	96.4%			
96.8%	97.8%	97.8%	97.8%	97.7%			
95.2%	96.7%	97.1%	97.2%	96.8%			
	10%Sn 95.8% 96.8%	10%Sn 25%Sn 95.8% 97.0% 96.8% 97.8%	10%Sn 25%Sn 50%Sn 95.8% 97.0% 97.1% 96.8% 97.8% 97.8%	10%Sn 25%Sn 50%Sn 75%Sn 95.8% 97.0% 97.1% 96.5% 96.8% 97.8% 97.8% 97.8%			

⁽¹⁾ 400 V; ⁽²⁾630 V; ⁽³⁾1000 V



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Cont .:

ASW40K-LT-G2 Pro							
Test condition	10%Sn	25%Sn	50%Sn	75%Sn	100%Sn		
Minimum rated input voltage ⁽¹⁾	95.6%	97.2%	97.3%	97.1%	97.1%		
Nominal input voltage (2)	97.2%	97.8%	98.0%	97.9%	97.8%		
90% of the maximum rated input voltage (3)	94.9%	96.8%	97.3%	97.1%	97.1%		

⁽¹⁾ 400 V; ⁽²⁾630 V; ⁽³⁾1000 V

25%Sn 97.3%	50%Sn 97.4%	75%Sn 97.2%	100%Sn 97.1%
97.3%	97 4%	07 2%	07 10/
	01.170	51.270	91.170
97.8%	98.0%	98.1%	97.6%
96.9%	97.2%	97.3%	97.1%

ASW50K-LT-G2 Pro							
10%Sn	25%Sn	50%Sn	75%Sn	100%Sn			
97.4%	97.8%	97.6%	97.2%	96.9%			
97.6%	98.7%	98.4%	98.0%	97.7%			
95.1%	97.1%	97.3%	97.2%	97.0%			
	97.4% 97.6%	97.4% 97.8% 97.6% 98.7%	97.4%97.8%97.6%97.6%98.7%98.4%	97.4%97.8%97.6%97.2%97.6%98.7%98.4%98.0%			

⁽¹⁾ 400 V; ⁽²⁾630 V; ⁽³⁾1000 V



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