

Certificate of Conformity

By the product certificate	number:	No. 230028RECO01-CER
Issued to:		
License holder:	AISWEI Technology Co., Ltd. Room 905B, 757 Mengzi Road, H	Huangpu District, 200023 Shanghai, P.R. China
Trademark:	solplanet	
Manufacturer:	AISWEI New Energy Technolog No.588 Gangxing Road, Yangzh	
It is certified that the prod	luct:	
Type of generating unit:	Grid-connected PV Inverter	
Models:		X-LT-G2 Pro / ASW40K-LT-G2 Pro / ASW50K-LT-G2 / -G2 / ASW36K-LT-G2 / ASW33K-LT-G2 / ASW30K-LT-G2
Technical Data:	Nominal power [W]	See pages 2 and 3
	Nominal voltage	3/N/PE; 230 V / 400 V
	Nominal frequency	50 / 60 Hz
	Firmware version	Main DSP Software Version: V610-03038-04 Slave DSP Software Version: V610-60009-00 Safety package (Flash) Version: V61011004-02
	Number of phases	Three Phases
	Isolation Transformer	No
Is in compliance with the		

IEC 61683:1999.

Photovoltaic systems. Power conditioners. Procedure for measuring efficiency.

This certificate is based upon the test results of the Test Report GZES230200310801. 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 21st March 2023 This certificate is valid until 21st March 2028

Madrid, 21st March 2023

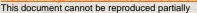
Daniel Arranz Muñiz

Certification Manager



SGS Tecnos, S.A.U C/ Trespaderne, 29 - 28042 Madrid This certificate is issued by SGS under its General Conditions for Product Certification at <u>www.sgs.com/terms_and_conditions</u>. The status and validity of the certificate can be checked scanning the QR code above included or through the following web link database:

SGS







No. 230028RECO01-CER Page 1 of 7



Full list of product references and nominal characteristics:

Product Model	ASW40K-LT-G2 Pro	ASW45K-LT-G2 Pro	ASW50K-LT-G2 Pro			
Input (DC)	·	•	•			
Max. PV modules power	60000 W	67500 W	75000 W			
Max. input voltage/ Rated input voltage		1100 V / 630 V				
MPP Voltage Range		200 ~1000 V				
Full load DC voltage range	400 ~ 935 V	400 ~ 935 V	400 ~ 935 V			
Intitial feed-in voltage		250 V				
Min input voltage		200 V				
Max. DC input current	4*3	4*32 A				
Isc PV, absolute max.	4*4	4*48 A				
Number of MPP trackers		4				
Strings per MPP tracker		2				
Output (AC)						
Rated output power	40000 W	45000 W	50000 W			
Max. output active power	40000 W	45000 W	50000 W			
Max. output apparent power	44000 VA	49500 VA	55000 VA			
Rated AC Output Current (1)	58.0 A	65.2 A	72.5 A			
Rated AC Voltage	U SUSCESSION OF A SUSCESSION OF A SUSCESSION	230 / 400 (3/N/PE)				
Rated AC Frequency	A A S C S C S C S C S C S C S C S C S C	50/60 Hz				
Adjustable displacement power factor		0.8 ind – 0.80 cap				
Topology		Transformerless				
Operating temperature range		-25 ~ 60 ℃				
Degree of protection	Careful and the second second second	IP65				

Product Model	ASW40K-LT-G2	ASW45K-LT-G2	ASW50K-LT-G2			
Input (DC)		60000 W 67500 W 75000 W 1100 V / 630 V 200 ~1000 V 200 ~ 935 V 400 ~ 935 V 400 ~ 935 V 440 ~ 935 V 400 ~ 935 V 200 ~ 935 V 200 V 200 V 200 V 5*26 A 4*26 A 5*26 A 5*40 A 4 5 2 2 2 2 40000 W 45000 W 50000 W 40000 W 45000 W 50000 W 40000 VA 45000 VA 50000 VA 2 2 2 40000 VA 45000 VA 50000 VA 40000 VA 45000 VA 50000 VA 50000 VA 50000 VA 50000 VA 58.0 A 65.2 A 72.5 A 230 / 400 (3/N/PE) 50/60 Hz 0.8 ind - 0.80 cap 0.8 ind - 0.80 cap				
Max. PV modules power	60000 W	67500 W	75000 W			
Max. input voltage/ Rated input voltage	1100 V / 630 V					
MPP Voltage Range		200~1000 V				
Full load DC voltage range	400 ~ 935 V	440 ~ 935 V	400 ~ 935 V			
Intitial feed-in voltage		250 V				
Min input voltage		200 V				
Max. DC input current	4*26	4*26 A				
Isc PV, absolute max.	4*4(5*40 A				
Number of MPP trackers	4	5				
Strings per MPP tracker		2				
Output (AC)						
Rated output power	40000 W	45000 W	50000 W			
Max. output active power	40000 W	45000 W	50000 W			
Max. output apparent power	40000 VA	45000 VA	50000 VA			
Rated AC Output Current ⁽¹⁾	58.0 A	65.2 A	72.5 A			
Rated AC Voltage		230 / 400 (3/N/PE)				
Rated AC Frequency		50/60 Hz				
Adjustable displacement power factor		0.8 ind – 0.80 cap				
Topology		Transformerless				
Operating temperature range		-25 ~ 60 ° C				
Degree of protection		IP65				



SGS Tecnos, S.A.U C/ Trespaderne, 29 - 28042 Madrid This certificate is issued by SGS under its General Conditions for Product Certification at <u>www.sgs.com/terms_and_conditions</u>. The status and validity of the certificate can be checked scanning the QR code above included or through the following web link database: https://www.sgs.com/en/certified-clients-and-products/electrical-product

SGSSG

This document cannot be reproduced partially



Product Model	ASW30K-LT-G2	ASW33K-LT-G2	ASW36K-LT-G2					
Input (DC)	45000 W 49500 W 54000 W 1100 V / 630 V 200 ~1000 V 200 ~ 1000 V 200 ~ 935 V 400 ~ 935 V 440 ~ 935 V 250 V 200 V 200 V 3*26 A 3*40 A 3 2 2 30000 W 33000 W 30000 W 33000 W 30000 VA 33000 VA 30000 VA 33000 VA 30000 VA 36000 VA 0.8 ind – 0.80 cap 0.8 ind – 0.80 cap							
Max. PV modules power	45000 W	49500 W	54000 W					
Max. input voltage/ Rated input voltage	1100 V / 630 V							
MPP Voltage Range		200 ~1000 V						
Full load DC voltage range	400 ~ 935 V	0 ~ 935 V 440 ~ 935 V 47						
Intitial feed-in voltage		250 V						
Min input voltage		200 V						
Max. DC input current	NINASSOSONS AND DESCRIPTION OF THE PROPERTY OF	3*26 A						
Isc PV, absolute max.		3*40 A						
Number of MPP trackers		3						
Strings per MPP tracker		2						
Output (AC)								
Rated output power	30000 W	33000 W	36000 W					
Max. output active power	30000 W	33000 W	36000 W					
Max. output apparent power	30000 VA	33000VA	36000VA					
Rated AC Output Current ⁽¹⁾	43.5 A	47.8 A	52.2 A					
Rated AC Voltage		230 / 400 V (3/N/PE)						
Rated AC Frequency		50/60 Hz						
Adjustable displacement power factor		0.8 ind – 0.80 cap						
Topology		Transformerless						
Operating temperature range		-25 ~ 60 ° C						
Degree of protection		IP65						



SGS Tecnos, S.A.U C/ Trespaderne, 29 - 28042 Madrid This certificate is issued by SGS under its General Conditions for Product Certification at <u>www.sgs.com/terms_and_conditions</u>. The status and validity of the certificate can be checked scanning the QR code above included or through the following web link database: https://www.sgs.com/en/certified-clients-and-products/electrical-products/

SGSSGSG

This document cannot be reproduced partially

No. 230028RECO01-CER Page 3 of 7



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

ASW5	0K-LT-G2	Pro			
Test condition	10%Sn	25%Sn	50%Sn	75%Sn	100%Sn
Minimum rated input voltage ⁽¹⁾	97.4%	97.8%	97.6%	97.2%	96.9%
Nominal input voltage (2)	97.6%	98.7%	98.4%	98.0%	97.7%
90% of the maximum rated input voltage ⁽³⁾	95.3%	97.0%	97.2%	97.2%	96.9%
(1) 100 1/. (2) 620 1/. (3) 000 1/	AND RELEASE AND		505036508050		

⁽¹⁾ 400 V; ⁽²⁾ 630 V; ⁽³⁾ 900 V

ASW4	d input voltage ⁽¹⁾ 96.2% 97.3% 97.4% 97.2% voltage ⁽²⁾ 96.7% 97.8% 98.0% 98.1%				
Test condition	10%Sn	25%Sn	50%Sn	75%Sn	100%Sn
Minimum rated input voltage ⁽¹⁾	96.2%	97.3%	97.4%	97.2%	97.1%
Nominal input voltage ⁽²⁾	96.7%	97.8%	98.0%	98.1%	97.6%
90% of the maximum rated input voltage ⁽³⁾	95.2%	96.9%	97.2%	97.3%	97.1%
(1) 100 1/. (2) 620 1/. (3) 000 1/	C C C C C C C C C C C C C C C C C C C	SGSUSCED USERCO	6.0 mil		

⁽¹⁾ 400 V; ⁽²⁾ 630 V; ⁽³⁾ 900 V

ASW4	0K-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) 100 1/. (2) 630 1/. (3) 900 1/	a babacasa a da		5245	11-12-21	

⁽¹⁾ 400 V; ⁽²⁾ 630 V; ⁽³⁾ 900 V

ASW	V50K-LT-0	G2			
Test condition	10%Sn	25%Sn	50%Sn	75%Sn	100%Sn
Minimum rated input voltage (1)	95.8%	97.0%	97.1%	96.5%	96.4%
Nominal input voltage (2)	96.8%	97.8%	97.8%	97.8%	97.7%
90% of the maximum rated input voltage (3)	95.2%	96.7%	97.1%	97.2%	96.8%
(1) AOO V/· (2) 630 V/· (3) 900 V/	Officer and the second second	CIDE CONTRACTOR	1000		

⁽¹⁾ 400 V; ⁽²⁾ 630 V; ⁽³⁾ 900 V

ASV	V45K-LT-0	G2			
Test condition	10%Sn	25%Sn	50%Sn	75%Sn	100%Sn
Minimum rated input voltage ⁽¹⁾	96.0%	97.2%	97.2%	97.2%	96.4%
Nominal input voltage ⁽²⁾	96.9%	97.8%	97.9%	98.1%	97.3%
90% of the maximum rated input voltage ⁽³⁾	95.0%	96.8%	97.1%	97.0%	96.8%
⁽¹⁾ 440 V; ⁽²⁾ 630 V; ⁽³⁾ 900 V	0361030505050	Insertion of the second s	10.0565656		



SGS Tecnos, S.A.U C/ Trespaderne, 29 - 28042 Madrid This certificate is issued by SGS under its General Conditions for Product Certification at <u>www.sgs.com/terms_and_conditions</u>. The status and validity of the certificate can be checked scanning the QR code above included or through the following web link database: https://www.sgs.com/en/certified-clients-and-products/electrical-product

SGS

This document cannot be reproduced partially



ASV	V40K-LT-0	G2			
Test condition	10%Sn	25%Sn	50%Sn	75%Sn	100%Sn
Minimum rated input voltage (1)	95.5%	96.8%	97.1%	96.8%	96.1%
Nominal input voltage ⁽²⁾	96.7%	97.7%	97.9%	97.8%	97.7%
90% of the maximum rated input voltage (3)	94.7%	96.7%	97.1%	97.2%	96.8%
(1) 100 14 (2) 000 14 (3) 000 14	THE REAL PROPERTY AND	Constant and the second second			

⁽¹⁾ 400 V; ⁽²⁾ 630 V; ⁽³⁾ 900 V

ASV	/36K-LT-0	G2			
Test condition	10%Sn	25%Sn	50%Sn	75%Sn	100%Sn
Minimum rated input voltage ⁽¹⁾	96.2%	97.4%	97.4%	97.2%	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⁾ 900 V		san sasasan sa	SESESES		RIL STATES

ASV	V33K-LT-0	<u>32</u>			
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⁾ 900 V	George Courses		SOS		

ASW30K-LT-G2 **Test condition** 10%Sn 25%Sn 50%Sn 75%Sn 100%Sn Minimum rated input voltage ⁽¹⁾ 95.2% 96.9% 97.2% 97.0% 96.7% Nominal input voltage ⁽²⁾ 96.4% 97.8% 98.0% 97.9% 97.7% 90% of the maximum rated input voltage $^{(3)}$ $^{(1)}$ 400 V; $^{(2)}$ 630 V; $^{(3)}$ 900 V 94.1% 96.4% 97.1% 97.2% 97.1%



SGS Tecnos, S.A.U C/ Trespaderne, 29 - 28042 Madrid This certificate is issued by SGS under its General Conditions for Product Certification at <u>www.sgs.com/terms_and_conditions</u>. The status and validity of the certificate can be checked scanning the QR code above included or through the following web link database: This document cannot be reproduced partially

SGSSG

No. 230028RECO01-CER Page 5 of 7



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

Power conditioner type - Grid Connected

ASW50K-LT-G2 Pro								
Test condition	10%Sn	25%Sn	50%Sn	75%Sn	100%Sn			
Minimum rated input voltage ⁽¹⁾	97.3%	97.6%	97.8%	97.2%	97.0%			
Nominal input voltage ⁽²⁾	97.6%	98.5%	98.7%	98.0%	97.7%			
90% of the maximum rated input voltage (3)	95.6%	97.0%	97.7%	97.2%	96.4%			

⁽¹⁾ 400 V; ⁽²⁾ 630 V; ⁽³⁾ 900 V

ASW45K-LT-G2 Pro								
Test condition	10%Sn	25%Sn	50%Sn	75%Sn	100%Sn			
Minimum rated input voltage ⁽¹⁾	96.5%	97.2%	97.5%	97.4%	97.0%			
Nominal input voltage ⁽²⁾	97.0%	97.3%	97.6%	97.7%	97.4%			
90% of the maximum rated input voltage ⁽³⁾	95.6%	96.2%	97.4%	97.2%	96.4%			
⁽¹⁾ 400 V; ⁽²⁾ 630 V; ⁽³⁾ 900 V	STOLEN SCORE	sesecaseses as a	SCSC:	1 1 2 2				

ASW40K-LT-G2 Pro								
Test condition	10%Sn	25%Sn	50%Sn	75%Sn	100%Sn			
Minimum rated input voltage ⁽¹⁾	96.0%	97.0%	97.1%	97.0%	96.5%			
Nominal input voltage ⁽²⁾	96.6%	97.8%	97.9%	97.5%	97.4%			
90% of the maximum rated input voltage ⁽³⁾	94.9%	96.4%	97.1%	97.3%	97.0%			
⁽¹⁾ 400 V: ⁽²⁾ 630 V: ⁽³⁾ 900 V	0202020202020	120000000000000000000000000000000000000	365-51					

(1) 400	V; (-)	630	V; (0	900	V	

ASW50K-LT-G2									
Test condition	10%Sn	25%Sn	50%Sn	75%Sn	100%Sn				
Minimum rated input voltage (1)	95.7%	97.2%	97.2%	97.0%	97.3%				
Nominal input voltage ⁽²⁾	97.8%	97.9%	98.3%	98.2%	98.0%				
90% of the maximum rated input voltage ⁽³⁾	97.8%	97.1%	97.5%	97.3%	97.2%				

⁽¹⁾ 400 V; ⁽²⁾ 630 V; ⁽³⁾ 900 V

ASW45K-LT-G2								
Test condition	10%Sn	25%Sn	50%Sn	75%Sn	100%Sn			
Minimum rated input voltage ⁽¹⁾	96.0%	97.1%	97.4%	97.1%	97.2%			
Nominal input voltage ⁽²⁾	96.6%	98.4%	98.4%	98.2%	98.1%			
90% of the maximum rated input voltage ⁽³⁾	95.6%	97.1%	97.5%	97.4%	97.2%			
⁽¹⁾ 440 V: ⁽²⁾ 630 V: ⁽³⁾ 900 V	CHARLES CONTRACTOR		useses		101 500 200			



SGS Tecnos, S.A.U C/ Trespaderne, 29 - 28042 Madrid This certificate is issued by SGS under its General Conditions for Product Certification at <u>www.sgs.com/terms_and_conditions</u>. The status and validity of the certificate can be checked scanning the QR code above included or through the following web link database: https://www.sgs.com/en/certified-clients-and-products/electrical-product

SGSS

This document cannot be reproduced partially



ASW40K-LT-G2								
Test condition	10%Sn	25%Sn	50%Sn	75%Sn	100%Sn			
Minimum rated input voltage ⁽¹⁾	95.5%	96.4%	97.0%	97.0%	96.7%			
Nominal input voltage ⁽²⁾	97.5%	98.4%	98.4%	98.3%	97.9%			
90% of the maximum rated input voltage ⁽³⁾	95.0%	97.2%	97.4%	97.4%	97.3%			
⁽¹⁾ 400 V ^{· (2)} 630 V ^{· (3)} 900 V	A Statistics	SALESSES STORE	1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.	05616	1224			

ASW36K-LT-G2 Test condition 10%Sn 25%Sn 75%Sn 100%Sn 50%Sn Minimum rated input voltage ⁽¹⁾ Nominal input voltage ⁽²⁾ 95.1% 97.1% 97.0% 96.8% 96.3% 98.2% 97.4% 98.4% 98.5% 98.3% 90% of the maximum rated input voltage ⁽³⁾ ⁽¹⁾ 470 V; ⁽²⁾ 630 V; ⁽³⁾ 900 V 95.2% 97.2% 97.6% 97.6% 97.4%

ASW33K-LT-G2								
10%Sn	25%Sn	50%Sn	75%Sn	100%Sn				
95.1%	96.75	97.0%	97.1%	96.9%				
97.3%	98.3%	98.4%	98.3%	98.1%				
94.9%	97.1%	97.7%	97.6%	97.5%				
	95.1% 97.3%	95.1% 96.75 97.3% 98.3%	95.1%96.7597.0%97.3%98.3%98.4%	95.1% 96.75 97.0% 97.1% 97.3% 98.3% 98.4% 98.3%				

⁽¹⁾ 440 V; ⁽²⁾ 630 V; ⁽³⁾ 900 V

ASW30K-LT-G2								
Test condition	10%Sn	25%Sn	50%Sn	75%Sn	100%Sn			
Minimum rated input voltage ⁽¹⁾	95.2%	96.7%	96.9%	97.0%	96.7%			
Nominal input voltage ⁽²⁾	97.2%	98.4%	98.4%	98.2%	98.1%			
90% of the maximum rated input voltage (3)	95.4%	97.4%	97.7%	97.5%	97.4%			
⁽¹⁾ 400 V; ⁽²⁾ 630 V; ⁽³⁾ 900 V	(Susan Susan	insuscessore and	sasaganasasas	SASO SOM	III) AN AN AN AN			



SGS Tecnos, S.A.U C/ Trespaderne, 29 - 28042 Madrid This certificate is issued by SGS under its General Conditions for Product Certification at <u>www.sgs.com/terms_and_conditions</u>. The status and validity of the certificate can be checked scanning the QR code above included or through the following web link database: <u>https://www.sgs.com/en/certified-clients-and-products/electrical-product</u> This document cannot be reproduced partially

SGSS

No. 230028RECO01-CER Page 7 of 7