

VERIFICATION OF COMPLIANCE

No.:	GZES2105019238PV
Applicant:	AISWEI New Energy Technology (Jiangsu) Co., Ltd. No.198 Xiangyang Road,Suzhou 215011,China
Manufacturer:	AISWEI New Energy Technology (Jiangsu) Co., Ltd. No.198 Xiangyang Road,Suzhou 215011,China
Product Name:	PV Grid-tied Inverter
Product Description:	Utility-interconnected photovoltaic (PV) power systems operating in parallel with the utility.(Convert DC to AC)
Model No.:	ASW20K-LT-G2, ASW17K-LT-G2, ASW15K-LT-G2, ASW13K-LT-G2, ASW12K-LT-G2, ASW10K-LT-G2, ASW8K-LT-G2
Trade Mark:	
Ratings:	Refer to page 2
Intended Use:	PV System
Enclosure Degree:	IP 65
Additional Information (if any):	Software Version: E1.00
Sufficient samples of the product have been tested and found to be in conformity with	
Test Standard:	IEC 61727:2004 Photovoltaic (PV) systems – Characteristics of the utility interface; IEC 62116:2014 Utility-interconnected photovoltaic inverters – Test procedure of islanding prevention measures; IEC 61683:1999 Photovoltaic systems – Power conditioners – Procedure for measuring efficiency
as shown in the	
Test Report Number(s):	GZES210501923801 (33 pages, attachment 58 pages) GZES210501923802 (16 pages, attachment 57 pages) GZES210501923803 (28 pages, attachment 18 pages)

This Verification of Compliance has been granted to the applicant based on the results of tests, performed by Laboratory of SGS-CSTC Standards Technical Services Co., Ltd. on sample of the above-mentioned product in accordance with the provisions of the relevant specific standards.


David Guo
Senior Technical Manager
SGS-CSTC



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Full list of rated characteristics of certified models:

Product Model	ASW20K-LT-G2	ASW17K-LT-G2	ASW15K-LT-G2	ASW13K-LT-G2
Input (DC)				
Max.DC Input Power (kW)	30	25.5	22.5	19.5
Max.DC Voltage (V)	1100			
Start-up input voltage (V)	180			
Rated input voltage (V)	630			
MPPT Voltage Range (V)	150 ~ 1000			
Full load DC voltage range (V)	400 ~ 945	400 ~ 945	400 ~ 945	400 ~ 945
Max. input current per MPPT (A)	26 + 26			
Number of MPPT/ Strings per MPPT	2/ 2+2	2/ 2+2	2/ 2+2	2/ 2+2
Output (AC)				
Max AC Output power (kVA)	20	17	15	13
Rated AC Output power (kW)	20	17	15	12
Max AC Output Current (A)	31.9	27.1	24.0	20.7
Rated AC Output Current (A) ⁽¹⁾	29.0	24.6	21.7	18.8
Nominal Grid Voltage (V)	400 (3~ /N/PE)			
Nominal Frequency (Hz)	50			
Power factor	> 0.99 (adjustable +/-0.8)			
Topology	Transformerless			
Operating temperature range	-25 ~ 60 °C (derating at +40 °C)			
Degree of protection	IP65			

Product Model	ASW12K-LT-G2	ASW10K-LT-G2	ASW8K-LT-G2	
Input (DC)				
Max.DC Input Power (kW)	18	15	12	
Max.DC Voltage (V)	1100			
Start-up input voltage (V)	180			
Rated input voltage (V)	630			
MPPT Voltage Range (V)	150 ~ 1000			
Full load DC voltage range (V)	400 ~ 945	400 ~ 945	400 ~ 945	
Max. input current per MPPT (A)	26 + 26	26 + 13		
Number of MPPT/ Strings per MPPT	2/ 2+2	2/ 2+1	2/ 2+1	
Output (AC)				
Max AC Output power (kVA)	12	10	8	
Rated AC Output power (kW)	12	10	8	
Max AC Output Current (A)	19.1	16.0	12.8	
Rated AC Output Current (A) ⁽¹⁾	17.4	14.5	11.6	
Nominal Grid Voltage (V)	400 (3~ /N/PE)			
Nominal Frequency (Hz)	50			
Power factor	> 0.99 (adjustable +/-0.8)			
Topology	Transformerless			
Operating temperature range	-25 ~ 60 °C (derating at +40 °C)			
Degree of protection	IP65			

⁽¹⁾ The rated current is calculated from rated power and voltage as the reference current value.