



Product Service

Attestation of Conformity

No. N8A 099567 0121 Rev. 00

Holder of Attestation: AISWEI Technology Co., Ltd.Room 302-1, Unit 015
No. 468 Zhongshan South First Road
Huangpu District
200011 Shanghai
PEOPLE'S REPUBLIC OF CHINA**Product:** Converter
Grid-Connected Hybrid Inverter**Model(s):** ASW015K-TH, ASW020K-TH, ASW025K-TH,
ASW29.9K-TH, ASW030K-TH, ASW015K-TH-N,
ASW020K-TH-N, ASW025K-TH-N, ASW29.9K-TH-N,
ASW030K-TH-N**Parameters:** See next pages.**Tested according to:** EN 62109-1:2010
EN 62109-2:2011

This Attestation of Conformity is issued on a voluntary basis according to the Low Voltage Directive 2014/35/EU relating to electrical equipment designed for use within certain voltage limits. It confirms that the listed equipment complies with the principal protection requirements of the directive and is based on the technical specifications applicable at the time of issuance. It refers only to the particular sample submitted for conformity assessment. For details see: www.tuvsud.com/ps-cert

Test report no.: 704092422841-00**Date,** 2025-01-16

(Zhengdong Ma)

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This Attestation does not replace the regulatory EU Declaration of Conformity (DoC) and does not allow for CE marking. After preparation of the necessary documentation and establishing compliance to requirements of all applicable directives, the manufacturer may sign a DoC and apply the CE marking. The DoC is issued under the sole responsibility of the manufacturer.



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Technical Datasheet	ASW015K-TH, ASW015K-TH-N	ASW020K-TH, ASW020K-TH-N	ASW025K-TH, ASW025K-TH-N	ASW29.9K-TH, ASW29.9K-TH-N	ASW030K-TH, ASW030K-TH-N
PV port					
Max. input voltage	d.c. 1000 V				
MPP voltage range	d.c. 150 V to 950 V				
Max. operating PV input current	d.c. 20 A / 20 A / 20 A / 20 A		d.c. 40 A / 40 A / 40 A / 40 A		
I _{sc} PV (absolute maximum)	d.c. 25 A / 25 A / 25 A / 25 A		d.c. 50 A / 50 A / 50 A / 50 A		
Battery port					
Battery voltage range	d.c. 120 V to 800 V				
Max. charge / discharge power	30000 W / 15000 W	40000 W / 20000 W	50000 W / 25000 W	59800 W / 29900 W	60000 W / 30000 W
Max. charge / discharge current	d.c. 50 A / 50 A		d.c. 2 x 50 A / 2 x 50 A		
Battery type	LiFePO4				
Grid port					
Nominal voltage	3/N/PE AC 220/380 V or 3/N/PE AC 230/400 V or 3/N/PE AC 240/415 V				
Nominal frequency	50 / 60 Hz				
Nominal output active power	15000 W	20000 W	25000 W	29900 VA	30000 VA
Max. output apparent power	16500 VA	22000 VA	27500 VA	32890 VA	33000 VA
Max. continuous output current	a.c. 23.9 A	a.c. 31.9 A	a.c. 39.8 A	a.c. 47.6 A	a.c. 47.8 A
Nominal input active power	30000 W	40000 W	50000 W	50000 W	50000 W
Max. input apparent power	30000 VA	40000 VA	50000 VA	50000 VA	50000 VA
Max. continuous input current	a.c. 43.5 A	a.c. 58.0 A	a.c. 72.5 A	a.c. 72.5 A	a.c. 72.5 A
Power factor range	0.8ind ... 0.8cap				
EPS port					
Nominal voltage	3/N/PE AC 220/380 V or 3/N/PE AC 230/400 V or 3/N/PE AC 240/415 V				
Nominal frequency	50 /60 Hz				
Max. output apparent power(on-grid)	16500 VA	22000 VA	27500 VA	32890 VA	33000 VA
Max. output apparent power(off-grid)	16500 VA	22000 VA	27500 VA	32890 VA	33000 VA
Max. continuous output current	a.c. 23.9 A	a.c. 31.9 A	a.c. 39.8 A	a.c. 47.6 A	a.c. 47.8 A
Power factor range (off-	0.8ind ... 0.8cap				

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grid)					
GEN port					
Nominal voltage	3/N/PE AC 220/380 V or 3/N/PE AC 230/400 V or 3/N/PE AC 240/415 V				
Nominal frequency	50 /60 Hz				
Max. input apparent power(off-grid)	18000 VA	24000 VA	30000 VA	35880 VA	36000 VA
Max. continuous input current	a.c. 26.1 A	a.c. 34.8 A	a.c. 43.5 A	a.c. 52.0 A	a.c. 52.2 A
Power factor range (off-grid)	0.8ind ... 0.8cap				
General information					
Protective Class	I				
Topology	Non-Isolated				
Ingress protection	IP66				
Operating temperature range	-30 °C ... +60 °C				
Overvoltage category	II(DC), III(AC)				

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