

Compliance Document

No. D 099567 0062 Rev. 00

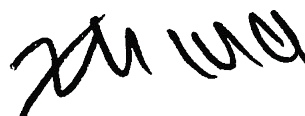
Holder of Certificate: **AISWEI Technology (Shanghai) Co., Ltd.**
Room 905B, 757 Mengzi Road
Huangpu District
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PEOPLE'S REPUBLIC OF CHINA

Product: **Converter**
Grid-connected Hybrid Inverter

This Compliance document confirms the compliance with the listed standards on a voluntary basis. It refers only to the sample submitted for testing and certification and does not certify the quality or safety of the serial products. For details see: www.tuvsud.com/ps-cert

Test report no.: 704092228621-00

Date, 2022-07-14



(Zhengdong Ma)

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Model(s): ASW3000H-S2, ASW3680H-S2,
ASW4000H-S2, ASW5000H-S2, ASW6000H-S2

Parameters:

Model	ASW3000H-S2	ASW3680H-S2	ASW4000H-S2
PV input parameters:			
Max. input voltage	550 Vd.c.		
Max. input current	2*16 Ad.c.		
Isc PV (absolute maximum)	2*20 Ad.c.		
MPPT Voltage range	40-530 Vd.c.		
Battery port parameters:			
Battery type	Li-ion		
Rated battery voltage	48 Vd.c.		
Battery voltage rang	40-60 Vd.c.		
Max. Charge/discharge current	100 Ad.c./100 Ad.c.		
EPS output parameters:			
Rated output Apparent power	5000 VA		
Max. output Apparent power	5000 VA		
Rated output voltage	230 Va.c.		
Rated output frequency	50 Hz		
Max. output current	21.7 Aa.c.		

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AC output parameters (Grid side):			
Rated grid output active power	3000 W	3680 W	4000 W
Rated grid output apparent Power	3000 VA	3680 VA	4000 VA
Max. grid output apparent Power	3000 VA	3680 VA	4000 VA
Rated output voltage	230 Va.c.		
Rated output frequency	50 Hz		
Max output current	13.6 Aa.c.	16 Aa.c.	18.2 Aa.c.
AC input parameters:			
Rated voltage	230 Va.c.		
Rated current	27.3 Aa.c.	27.3 Aa.c.	27.3 Aa.c.
Rated grid input apparent Power	6000 VA		
Max. grid input apparent Power	6000 VA		
Rated frequency	50 Hz		
Others:			
Protection Class	I		
Ingress protection	IP66		
Ambient temperature	-25°C...+60°C		
Over Voltage Category	PV: II, Mains: III		
General power factor	-0.8...+0.8		
Inverter Topology	Non-isolated		

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Model	ASW5000H-S2	ASW6000H-S2
PV input parameters:		
Max. input voltage	550 Vd.c.	
Max. input current	2*16 Ad.c.	
Isc PV (absolute maximum)	2*20 Ad.c.	
MPPT Voltage range	40-530 Vd.c.	
Battery port parameters:		
Battery type	Li-ion	
Rated battery voltage	48 Vd.c.	
Battery voltage rang	40-60 Vd.c.	
Max. Charge/discharge current	100 Ad.c./100 Ad.c.	
EPS output parameters:		
Rated output Apparent power	5000 VA	
Max. output Apparent power	5000 VA	
Rated output voltage	230 Va.c.	
Rated output frequency	50 Hz	
Max. output current	21.7 Aa.c.	
AC output parameters (Grid side):		
Rated grid output active power	5000 W	6000 W
Rated grid output apparent Power	5000 VA	6000 VA
Max. grid output apparent Power	5000 VA	6000 VA
Rated output voltage	230 Va.c.	
Rated output frequency	50 Hz	
Max output current	22.7 Aa.c.	27.3 Aa.c.
AC input parameters:		
Rated voltage	230 Va.c.	
Rated current	27.3 Aa.c.	
Rated grid input apparent Power	6000 VA	
Max. grid input apparent Power	6000 VA	
Rated frequency	50 Hz	
Others:		
Protection Class	I	
Ingress protection	IP66	
Ambient temperature	-25°C...+60°C	
Over Voltage Category	PV: II, Mains: III	
General power factor	-0.8...+0.8	
Inverter Topology	Non-isolated	

**Tested
according to:**

EN 50549-1:2019/AC:2019