

Compliance Document

No. D 099567 0070 Rev. 00

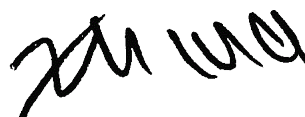
Holder of Certificate: **AISWEI Technology (Shanghai) Co., Ltd.**
Room 905B, 757 Mengzi Road
Huangpu District
200023 Shanghai
PEOPLE'S REPUBLIC OF CHINA

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.: 704092228622-00

Date, 2022-08-18



(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	d.c. 550 V		
Max. input current	d.c. 2*16 A		
Isc PV (absolute maximum)	d.c. 2*20 A		
MPPT voltage range	d.c. 40-530 V		
Battery input parameters:			
Battery type	Li-ion		
Rated battery voltage	d.c. 48 V		
Battery voltage range	d.c. 40-60 V		
Max. battery charge/discharge current	d.c. 100 A/100 A		
EPS output parameters:			
Rated output apparent power	5000 VA		
Max. output apparent power	5000 VA		
Rated output voltage	a.c. 230 V		
Rated output frequency	50 Hz		
Max. output current	a.c. 21.7 A		

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Grid output parameters:			
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 grid voltage	a.c. 230 V		
Rated grid frequency	50 Hz		
Max. grid output current	a.c. 13.6 A	a.c. 16 A	a.c. 18.2 A
Grid input parameters:			
Rated grid voltage	a.c. 230 V		
Max. grid input current	a.c. 27.3 A	a.c. 27.3 A	a.c. 27.3 A
Rated grid input apparent power	6000 VA		
Max. grid input apparent power	6000 VA		
Rated grid frequency	50 Hz		
Others:			
Protective class	I		
Ingress protection	IP66		
Operating temperature range	-25°C...+60°C		
Overvoltage category	II(PV), III(Mains)		
Adjustable cos(φ)	0.8ind...0.8cap		
Inverter topology	Non-isolated		

Model	ASW5000H-S2	ASW6000H-S2
PV input parameters:		
Max. input voltage	d.c. 550 V	
Max. input current	d.c. 2*16 A	
Isc PV (absolute maximum)	d.c. 2*20 A	
MPPT voltage range	d.c. 40-530 V	
Battery input parameters:		
Battery type	Li-ion	
Rated battery voltage	d.c. 48 V	
Battery voltage range	d.c. 40-60 V	
Max. battery charge/discharge current	d.c. 100 A/100 A	
EPS output parameters:		
Rated output apparent power	5000 VA	
Max. output apparent power	5000 VA	
Rated output voltage	a.c. 230 V	
Rated output frequency	50 Hz	
Max. output current	a.c. 21.7 A	

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Grid output parameters:		
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 grid voltage	a.c. 230 V	
Rated grid frequency	50 Hz	
Max. grid output current	a.c. 22.7 A	a.c. 27.3 A
Grid input parameters:		
Rated grid voltage	a.c. 230 V	
Max. grid input current	a.c. 27.3 A	
Rated grid input apparent power	6000 VA	
Max. grid input apparent power	6000 VA	
Rated grid frequency	50 Hz	
Others:		
Protective class	I	
Ingress protection	IP66	
Operating temperature range	-25°C...+60°C	
Overvoltage category	II(PV), III(Mains)	
Adjustable cos(φ)	0.8ind...0.8cap	
Inverter topology	Non-isolated	

**Tested
according to:**

EN 50549-1:2019/AC:2019 (with national deviation of Irish settings
according to DTIS-230206-BRL:2021 and DOC-030221-
GAP:2021)