



Product Service

# Compliance Document

No. D 099567 0070 Rev. 00

**Holder of Certificate:** **AISWEI Technology (Shanghai) Co., Ltd.**  
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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](http://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   | 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)

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