

# Zertifikat

# Certificate



**Zertifikat Nr. Certificate No.**  
R 50525327

**Blatt Sheet**  
0010

**Ihr Zeichen Client Reference**  
Sandy Gong

**Unser Zeichen Our Reference**  
01-Jiangyi-CN21AQKR 008

**Ausstellungsdatum Date of Issue**  
19.06.2024 (day/mo/yr)

**Genehmigungsinhaber License Holder**

AISWEI Technology Co., Ltd.  
Room 905B,  
757 Mengzi Road, Huangpu District,  
Shanghai  
P.R. China

**Fertigungsstätte Manufacturing Plant**

AISWEI New Energy  
Technology (Yangzhong) Co., Ltd  
No. 588 Gangxing Road,  
Yangzhong  
Jiangsu  
P.R. China

**Prüfzeichen Test Mark**



Bauart geprüft  
Sicherheit  
Regelmäßige  
Produktions-  
überwachung

www.tuv.com  
ID 1111247325

**Geprüft nach Tested acc. to**

IEC 62109-1:2010  
IEC 62109-2:2011  
EN 62109-1:2010  
EN 62109-2:2011

**Zertifiziertes Produkt (Geräteidentifikation)  
Certified Product (Product Identification)**

**Lizenzentgelte - Einheit  
License Fee - Unit**

PV-Wechselrichter (Grid-connected PV Inverter) <sup>®</sup>

As pages 0001 to 0009

Change

Type Designation : ASW20K-UT-G3  
ASW25K-UT-G3

Rated Output Volt. [Va.c.] : 3L/N/PE, 127/220, 133/230

Max. Output Current. [Aa.c.] : 52.5A at 127V, 50.2A at 133V  
65.7A at 127V, 62.8A at 133V

Addition

Type Designation : ASW18K-UT-G3

Vmax PV [Vd.c.] : 800

Isc PV [Ad.c.] : 40\*3

MPP Voltage Range [Vd.c.] : 180-650

Max. Input Current [Ad.c.] : 32\*3

Overvoltage Category (OVC) : II for PV

Rated Output Volt. [Va.c.] : 3L/N/PE, 133/230

Rated Output Power. [kW] : 18

Continued on page 0011

ANLAGE (Appendix) : 1.4

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde und es bestätigt die Konformität des Produktes mit den oben genannten Standards und Prüfgrundlagen. Zusätzliche Anforderungen in Ländern, in denen das Produkt in Verkehr gebracht werden soll, müssen zusätzlich betrachtet werden. Die Herstellung des zertifizierten Produktes wird überwacht.

This certificate is based on our Testing and Certification Regulation and states the conformity of the product with the standards and testing requirements as indicated above. Any additional requirements in countries where the product is going to be marketed have to be considered additionally. The manufacturing of the certified product is subject to surveillance.



**Zertifizierungsstelle**

**TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg**

http://www.tuv.com/safety E-mail: markcheck@tuv.com  
Fax: +49 221 806-3935

**A. Chen**



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**Zertifiziertes Produkt (Geräteidentifikation)  
Certified Product (Product Identification)**

**Lizenzentgelte - Einheit  
License Fee - Unit**

PV-Wechselrichter (Grid-connected PV Inverter)

As page 0010 continuation

Rated Output Freq. [Hz] : 50/60  
Max. Output Current. [Aa.c.]: 45.2

Power Factor : 1(default), -0.80 to 0.80  
Overvoltage Category (OVC) : III for AC mains  
Protective Class : Class I  
Ingress Protection (IP) : IP65  
Pollution Degree (PD) : PD 3  
Operating Temperature [°C] : -25 to 60 (> 40 derating)  
Altitude[m] : Up to 3000  
Type of Inverter : Non-isolated  
Remark(s) :

The installation has to be carried out according to the attached installation instruction.  
Any additional requirements in countries where the product is going to be marketed have to be considered additionally.

ANLAGE (Appendix): 1.4

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Fax: +49 221 806-3935

**A. Chen**



# CERTIFICATE

## of Conformity

### Low Voltage Directive (EU) 2014/35

**Registration No.:** AN 50632751 0001  
**Report No.:** CN21AQKR 008  
**Holder:** AISWEI Technology Co., Ltd.  
Room 905B,  
757 Mengzi Road, Huangpu District,  
Shanghai  
P.R. China  
**Product:** PV-Inverter  
(Grid-connected PV Inverter)

#### Type designation listed on the next page

This certificate of conformity is based on an evaluation of a sample of the above-mentioned product. Technical Report and documentation are at the License Holder's disposal. This is to certify that the tested sample is in conformity with Annex I of Council Directive (EU) 2014/35, referred to as the Low Voltage Directive. This certificate does not imply assessment of the series-production of the product and does not permit the use of a TÜV Rheinland mark of conformity. The holder of the certificate is authorized to use this certificate in connection with the EC declaration of conformity according to Annex IV of the Directive.

#### Certification Body

**Date:** 2024-06-19

  
A. Chen



**TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg**

The CE marking may be used if all relevant and effective EC Directives/Regulations are complied with.

# CERTIFICATE

## of Conformity

### Low Voltage Directive (EU) 2014/35

**Registration No.:** AN 50632751 0001

**Product:** PV-Inverter  
(Grid-connected PV Inverter)

**Identification:** Type Designation  
ASW40K-LT-G3 , ASW36K-LT-G3 ,  
ASW33K-LT-G3 , ASW30K-LT-G3 ,  
ASW27K-LT-G3 , ASW25K-LT-G3 ,  
ASW25K-UT-G3 , ASW20K-UT-G3 ,  
ASW18K-UT-G3

Serial No.: TA003305223B0007

Remark(s) : Issued in conjunction with TÜV Rheinland  
license R 50525327 pages 0001-0011.



**TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg**

The CE marking may be used if all relevant and effective EC Directives/Regulations are complied with.