

Zertifikat *Certificate*

Zertifikatsnummer Certificate No.:

R 50638340 0001

Berichtsnummer Report No.:

CN24368Q 001

Genehmigungsinhaber License Holder:

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

Fertigungsstätte Manufacturing Site:

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

Prüfzeichen Test Mark:

Geprüft nach Tested according to:

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

Geräteidentifikation
Product Identification

Produkt: PV-Inverter
Product: (Hybrid Inverter)

Modell: Modelle sind auf nächste(r) Seite(n) gelistet
Type: *Type designation(s) are listed on the next page(s)*

Technische Daten: Refer to next page(s)
Technical Data: ANLAGE (Appendix): 1.0

Gültig ab: 2024-07-17
Valid from:

Zertifizierungsstelle:
Certification body:

Ausstellungsdatum: 2024-07-17
Date of issue:

A. Chen



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.

TÜV Rheinland LGA Products GmbH, Tillystraße 2, 90431 Nürnberg

<http://www.tuv.com/safety> E-mail: markcheck@tuv.com

Fax: +49 221 806-3935

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Produkt Product: PV-Inverter
(Hybrid Inverter)

Modell Type: **Bezeichnung Designation:**

1) ASW05kH-T2-DG , 2) ASW06kH-T2-DG , 3) ASW08kH-T2-DG ,
4) ASW10kH-T2-DG , 5) ASW12kH-T2-DG , 6) ASW08kH-T3-DG ,
7) ASW10kH-T3-DG , 8) ASW12kH-T3-DG

Vmax PV[Vd.c.]	:	1100
Isc PV[Ad.c.]	:	1)2)3)4)5)30A/30A, 6)7)8) 24A/24A/24A
MPP Voltage Range[Vd.c.]	:	150-950
Max. Input Current[Ad.c.]	:	1)2)3)4)5)20A/20A, 6)7)8) 16A/16A/16A
Overvoltage Category(OVC)	:	II for PV
Rated Input/ Output Volt.[Va.c.]	:	3/N/PE, 220/380V; 230/400V;240/415V
Rated Input / Output Freq.[Hz]	:	50/60
Rated Output Power[kW]	:	1)5000, 2)6000, 3)8000, 4)10000, 5)12000, 6)8000, 7)10000, 8)12000
Max. Output Current[Aa.c.]	:	1)8.0, 2)9.6, 3)12.8, 4)16.0, 5)19.2, 6)12.8, 7)16.0, 8)19.2
Max. AC Input Current.[Aa.c.]	:	1)14.5, 2)17.4, 3)23.2, 4)29.0, 5)34.8, 6)23.2, 7)29.0, 8)34.8
Power Factor	:	0.8(leading), 0.80(lagging)
Overvoltage Category(OVC)	:	III for AC mains
Backup Rated Output Volt. [Va.c.]	:	3/N/PE, 220/380V; 230/400V;240/415V
Backup Rated Output Freq. [Hz]	:	50/60
Backup Rated Output Power [VA]	:	1)5000, 2)6000, 3)8000, 4)10000, 5)12000, 6)8000, 7)10000, 8)12000
Backup Max. Output Current[Aa.c.]	:	1)14.5, 2)17.4, 3)23.2, 4)29.0, 5)34.8, 6)23.2, 7)29.0, 8)34.8
Overvoltage Category (OVC)	:	III for Backup
Generator Rated Input Volt. [Va.c.]	:	3/N/PE, 220/380V; 230/400V;240/415V
Generator Rated Input Freq. [Hz]	:	50/60
Generator Rated Input Power [VA]	:	1)7500, 2)9000, 3)12000, 4)15000, 5)18000, 6)12000, 7)15000, 8)18000
Generator Max. Input Current[Aa.c.]	:	1)10.9, 2)13.0, 3)17.4, 4)21.7, 5)26.1, 6)17.4, 7)21.7, 8)26.1
Overvoltage Category(OVC)	:	III for Generator
Vmax BAT[Vd.c.]	:	600
Battery Type	:	LiFePO4
Voltage Range[Vd.c.]	:	120-600
Max.Charge/Discharge Curr.[Ad.c.]	:	50
Max. Charge/Discharge Power[W]	:	1)12000/5000, 2)12000/6000, 3)12000/8000, 4)12000/10000, 5)12000/12000, 6)12000/8000, 7)12000/10000, 8)12000/12000
Overvoltage Category(OVC)	:	II for Battery

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Produkt *Product:* PV-Inverter
(Hybrid Inverter)

Modell *Type:* **Bezeichnung** *Designation:*

Protective Class	: Class I
Ingress Protection(IP)	: IP66
Pollution Degree(PD)	: PD2(inside), PD3(outside)
Operating Temperature[°C]	: -25 to +60 (> 40 derating)
Altitude[m]	: ≤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.



CERTIFICATE

of Conformity

Low Voltage Directive (EU) 2014/35


Registration No.: AN 50638368 0001
Report No.: CN24368Q 001
Holder: AISWEI Technology Co., Ltd.
Room 905B,
757 Mengzi Road, Huangpu District,
Shanghai
P.R. China
Product: PV-Inverter
(Hybrid 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: 2024-07-17


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

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Low Voltage Directive (EU) 2014/35

Registration No.: AN 50638368 0001

Product: PV-Inverter
(Hybrid Inverter)

Identification: Type Designation
1) ASW05kH-T2-DG , 2) ASW06kH-T2-DG ,
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5) ASW12kH-T2-DG , 6) ASW08kH-T3-DG ,
7) ASW10kH-T3-DG , 8) ASW12kH-T3-DG

Serial No.: EP012K12W2430010

Remark(s) : Issued in conjunction with TÜV Rheinland
license R 50638340 0001.



TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg

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