# Zertifikat *Certificate*

**Zertifikatsnummer** *Certificate No.:*
R 50648150 0001

**Berichtsnummer** *Report No.:*
CN22SY1S 020

**Genehmigungsinhaber** *License Holder:*
Chint PVSTAR Energy Solution B.V.
Transformatorweg 38
1014 AK Amsterdam
Netherlands

**Fertigungsstätte** *Manufacturing Site:*
040-0002069541

**Prüfzeichen** *Test Mark:*

TÜVRheinland® CERTIFIED
Type Approved
Safety
Regular Production
Surveillance
www.tuv.com
ID 1111291291

**Geprüft nach** *Tested according to:*
IEC 62109-1:2010
IEC 62109-2:2011
EN 62109-1:2010
EN 62109-2:2011

**Geräteidentifikation**
*Product Identification*

| | |
|---|---|
| **Produkt:** *Product:* | PV-Inverter (Grid-connected Hybrid Inverter) |
| **Modell:** *Type:* | Modelle sind auf nächste(r) Seite(n) gelistet *Type designation(s) are listed on the next page(s)* |
| **Technische Daten:** *Technical Data:* | Refer to the next page(s) |

**Gültig ab:** *Valid from:* 2024-10-18

**Ausstellungsdatum:** *Date of issue:* 2024-10-18

**Zertifizierungsstelle:** *Certification body:*

A. Chen

TÜV Rheinland LGA Products GmbH
TÜVRheinland®
Zertifizierungsstelle

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

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

| | |
|---|---|
| Type Designation | : 1) PVS-AS3K-G2 ;<br>2) PVS-AS3.68K-G2 ;<br>3) PVS-AS4K-G2 ;<br>4) PVS-AS5K-G2 ;<br>5) PVS-AS6K-G2 |
| Max. PV Input Volt. [Vd.c.] | : 550 |
| Isc PV [Ad.c.] | : 2x20 |
| MPP Voltage Range [Vd.c.] | : 40-530 |
| Max. PV Input Current [Ad.c.] | : 2x16 |
| Overvoltage Category (OVC) | : II for PV |
| Rated Output Volt. [Va.c.] | : L/N/PE, 230 |
| Rated Output Freq. [Hz] | : 50/60 |
| Rated Output Power. [kW] | : 1)3; 2)3.68; 3)4;<br>4)5; 5)6 |
| Max. Output Current. [Aa.c.] | : 1)13.6; 2)16; 3)18.2;<br>4)22.7; 5)27.3 |
| Power Factor | : -0.8~0.8 |
| Overvoltage Category (OVC) | : III for AC mains |
| Backup Rated Output Volt. [Va.c.] | : L/N/PE, 230 |
| Rated Output Freq. [Hz] | : 50/60 |
| Rated Output Power [kW] | : 5 |
| Max. Output Current [Aa.c.] | : 21.7 |
| Rated Battery Volt. [Vd.c.] | : 48 |
| Battery Type | : Li-Ion battery |
| Voltage Range [Vd.c.] | : 40-60 |
| Max. Charge/Discharge Current [Ad.c.] | : 100/100 |
| Max. Charge/Discharge Power [kW] | : 5/5 |
| Overvoltage Category (OVC) | : II for Battery |
| Protective Class | : Class I |
| Ingress Protection (IP) | : IP66 |
| Pollution Degree (PD) | : PD3 |
| Altitude[m] | : ≤3000 |
| Operating Temperature [ºC] | : -25 to 60（>40 derating） |
| Type of Inverter | : Non-isolated |

Remark(s):
The installation has to be carried out according to the installation instruction specified by the manufacturer.
Any additional requirements in countries where the product is going to be marketed have to be considered additionally.

TÜVRheinland LGA Products GmbH TÜVRheinland Zertifizierungsstelle

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