

Zertifikat

Certificate



Zertifikat Nr. *Certificate No.*
R 50446285

Blatt *Sheet*
0001

Ihr Zeichen *Client Reference*
Huan Cai

Unser Zeichen *Our Reference*
02--50284928 001

Ausstellungsdatum *Date of Issue*
17.09.2019 (day/mo/yr)

Genehmigungsinhaber *License Holder*
Shanghai Chint Power Systems
Co., Ltd.
No. 3255 Si Xian Rd,
Songjiang District,
Shanghai 201614
P. R. China

Fertigungsstätte *Manufacturing Plant*
Refer to latest revision
of the annex list of factories

Prüfzeichen *Test Mark*



Bauart geprüft
Sicherheit
Regelmäßige
Produktions-
überwachung

www.tuv.com
ID 1419072938

Geprüft nach *Tested acc. to*

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

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

Lizenzentgelte - Einheit *License Fee - Unit*

PV-Wechselrichter (Photovoltaic grid-connected inverter)

Type Designation	: CPS SCA36KTL-T/SA	9
	CPS SCA30KTL-T/SA	
Vmax PV[Vd.c.]	: 800	
Isc PV[Ad.c.]	: 42/42/42/42	42/42/28/28
MPPT Voltage Range[Vd.c.]	: 200-750	
Max. Input Current[Ad.c.]	: 33/33/33/33	33/33/22/22
Overvoltage Category(OVC)	: II for PV	
Rated Output Voltage[Va.c.]	: 3/N/PE, 208/220/240	
Rated Output Frequency[Hz]	: 50/60	
Rated Output Power[kW]	: 32.4/34.5/37.5	27.5/29/31.5
Max. Output Current[Aa.c.]	: 92	83
Power Factor	: [-0.80, 0.80]	
Overvoltage Category(OVC)	: III for AC Mains	

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ANLAGE (Appendix) : 1

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

Tel.: +49 221 806-1371 e-mail: cert-validity@de.tuv.com

Fax: +49 221 806-3935 http://www.tuv.com/safety



A. Chen

Zertifikat

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Zertifikat Nr. *Certificate No.*
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0002

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Lizenzentgelte - Einheit
License Fee - Unit

PV-Wechselrichter (Photovoltaic grid-connected inverter)

Type Designation : CPS SCA60KTL-T/EU 2
CPS SCA50KTL-T/EU

Vmax PV[Vd.c.] : 1100
Isc PV[Ad.c.] : 42/42/42/42 42/42/28/28
MPPT Voltage Range[Vd.c.] : 200-960
Max. Input Current[Ad.c.] : 33/33/33/33 33/33/22/22
Overvoltage Category(OVC) : II for PV

Rated Output Voltage[Va.c.] : 3N~+PE, 380/400/415
Rated Output Frequency[Hz] : 50/60
Rated Output Power[kW] : 60 50
Max. Output Current[Aa.c.] : 92 83
Power Factor : [-0.80, 0.80]
Overvoltage Category(OVC) : III for AC Mains

Continued on page 0003

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ANLAGE (Appendix) : 1

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PV-Wechselrichter (Photovoltaic grid-connected inverter)

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Protective Class : I
Enclosure Protection (IP) : IP65
Pollution Degree (PD) : PD 2 (inside), PD3 (outside)
Altitude [m] : 4000
Operating Temperature range [°C] : -25 to 60 (> 45 derating)
Type of Inverter : Non-isolated

Remark:

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 should be considered additionally.

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A. Chen

Test Verification of Conformity

On the basis of the tests undertaken, the sample(s) of the below product have been found to comply with the essential requirements of the referenced specifications at the time the tests were carried out.

Applicant Name & Address : Shanghai Chint Power Systems Co., Ltd.
No. 3255 Si Xian Rd, Songjiang District, Shanghai 201614,
China

Manufacturing site Name & Address : Shanghai Chint Power Systems Co., Ltd.
No. 3857 Si Xian Rd, Songjiang District, Shanghai 201614,
China

Product(s) Tested : Grid-Tied PV Inverter

Ratings and principal characteristics : See annex for details

Model(s) : CPS SCA36KTL-DO/US

Brand name : CHINT POWER

Relevant Standard(s)/Specification(s) : CFR 47 Part 15: 2014
ANSI C63.4: 2009

Verification Issuing Office Name & Address : Intertek Testing Services Shanghai
Building No.86, 1198 Qinzhou Road (North), Shanghai
200233, China

Verification Number : 150500470SHA-V1

Report Number(s) : 150500470SHA-001

NOTE 1: This verification is part of the full test report(s) and should be read in conjunction with it.

This Verification is for the exclusive use of Intertek's Client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Verification. Only the Client is authorized to copy or distribute this Verification. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. The observations and test results referenced from this Verification are relevant only to the sample tested. This Verification by itself does not imply that the material, product, or service is or has ever been under an Intertek certification program.

Signature
Name: Jonny Jing
Position: Manager
Date: June 26, 2015



Annex to Test Verification of Conformity

This is an Annex to Test Verification of Conformity with 150500470SHA-V1/150500470SHA-001. The issuing office is Intertek Testing Services Shanghai Building No.86, 1198 Qinzhou Road (North), Shanghai 200233, China

Model(s) and rating :

Model	rating
CPS SCA36KTL-DO/US	Nominal input power: 37KW Number of inputs: 8 Max. input voltage: 1000Vdc MPPT voltage range: 540-800Vdc Max. input current: 2 x Each 35A Nominal AC power: 36KVA Nominal AC Voltage: 480Vac/422-528Vac 3~ Max. AC current: 43.5A Max. Efficiency: 98.4% CEC Efficiency: 98.0%

NOTE 1: This verification is part of the full test report(s) and should be read in conjunction with it.

This Verification is for the exclusive use of Intertek's Client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Verification. Only the Client is authorized to copy or distribute this Verification. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. The observations and test results referenced from this Verification are relevant only to the sample tested. This Verification by itself does not imply that the material, product, or service is or has ever been under an Intertek certification program.

Signature
Name: Jonny Jing
Position: Manager
Date: June 26, 2015