

Compliance Document

No. D 086049 0047 Rev. 00

Holder of Certificate: **Shanghai Chint Power Systems Co., Ltd.**
No. 3255 Si Xian Rd
Songjiang District
201614 Shanghai
PEOPLE'S REPUBLIC OF CHINA

Product: **Converter**
(PV grid-interactive 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

Test report no.: 64290223015601

Date, 2022-05-12



(Billy Qiu)

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Model(s): CPS SCA16KTL-T1/SA,
 CPS SCA18KTL-T1/SA,
 CPS SCA 17KTL-T/EU,
 CPS SCA 20KTL-T/EU,
 CPS SCA 22KTL-T/EU,
 CPS SCA 25KTL-T/EU,
 CPS SCA 28KTL-T1/EU,
 CPS SCA 30KTL-T1/EU

Parameters:

Model:	CPS SCA16KTL-T1/SA	CPS SCA18KTL-T1/SA
Maximum rated d.c. input voltage	800 Vd.c.	800 Vd.c.
PV input operating voltage range	180 - 800 Vd.c.	180 - 800 Vd.c.
Maximum operating PV input current	40.5 × 2 Ad.c.	40.5 × 2 Ad.c.
Maximum total PV array s-c current	45 × 2 Ad.c.	45 × 2 Ad.c.
Rated a.c. output voltage	3/N/PE, 220/128Va.c.	3/N/PE, 220/128Va.c.
Nominal a.c. output frequency	60 Hz	60 Hz
Maximum continuous a.c. output current	42 Aa.c.	48 Aa.c.
Nominal output active power P _n	16 kW	18 kW
Power factor	0,8 ind. - 0,8 cap.	
Protection class	I	

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Model:	CPS SCA 17KTL- T/EU	CPS SCA 20KTL- T/EU	CPS SCA 22KTL- T/EU	CPS SCA 25KTL- T/EU	CPS SCA 28KTL- T1/EU	CPS SCA 30KTL- T1/EU
Maximum rated d.c. input voltage	1000 Vd.c.	1000 Vd.c.	1000 Vd.c.	1000 Vd.c.	1000 Vd.c.	1000 Vd.c.
PV input operating voltage range	180 - 1000 Vd.c.	180 - 1000 Vd.c.	180 - 1000 Vd.c.	180 - 1000 Vd.c.	180 - 1000 Vd.c.	180 - 1000 Vd.c.
Maximum operating PV input current	25 × 2 Ad.c.	25 × 2 Ad.c.	25 × 2 Ad.c.	37,5 × 2 Ad.c.	37,5 × 2 Ad.c.	37,5 × 2 Ad.c.
Maximum total PV array s-c current	30 × 2 Ad.c.	30 × 2 Ad.c.	30 × 2 Ad.c.	42 × 2 Ad.c.	42 × 2 Ad.c.	42 × 2 Ad.c.
a.c. output voltage	3N/PE~ 230/400 220/380 Va.c.	3N/PE~ 230/400 220/380 Va.c.	3N/PE~ 230/400 220/380 Va.c.	3N/PE~ 230/400 220/380 Va.c.	3N/PE~ 230/400 220/380 Va.c.	3N/PE~ 230/400 220/380 Va.c.
Nominal a.c. output frequency	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz
Maximum continuous a.c. output current	28,3 Aa.c.	33,5 Aa.c.	35 Aa.c.	40 Aa.c.	45 Aa.c.	48 Aa.c.
Nominal output active power P _n	17 kW	20 kW	22 kW	25 kW	28 kW	30 kW
Power factor	0,8 ind. - 0,8 cap.	0,8 ind. - 0,8 cap.	0,8 ind. - 0,8 cap.	0,8 ind. - 0,8 cap.	0,8 ind. - 0,8 cap.	0,8 ind. - 0,8 cap.
Protection class	I	I	I	I	I	I

**Tested
according to:**

IEC 61727:2004
IEC 62116:2014