

# Compliance Document

No. D 086049 0033 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](http://www.tuvsud.com/ps-cert)

**Test report no.:** 64290180551503C

**Date,** 2020-09-30



( Billy Qiu )

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**Model(s):** CPS SCA17KTL-T/EU, CPS SCA20KTL-T/EU,  
CPS SCA22KTL-T/EU, CPS SCA25KTL-T/EU,  
CPS SCA30KTL-T1/EU

## Parameters:

Model:	CPS SCA17KTL- T/EU	CPS SCA20KTL- T/EU	CPS SCA22KTL- T/EU	CPS SCA25KTL- T/EU	CPS SCA30KTL- T1/EU
Maximum rated d.c. input voltage	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.
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.
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.
a.c. output voltage	3N/PE~ 230/400 Va.c.	3N/PE~ 230/400 Va.c.	3N/PE~ 230/400 Va.c.	3N/PE~ 230/400 Va.c.	3N/PE~ 230/400 Va.c.
Nominal a.c. output frequency	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.	48 Aa.c.
Nominal output active power P <sub>n</sub>	17 kW	20 kW	22 kW	25 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.
Protection class	I	I	I	I	I

**Tested according to:**

IEC 61727:2004  
IEC 62116:2014