



Product Service

Compliance Document

No. D 086049 0016 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. See also notes overleaf.

Test report no.: 64290180422601

Date, 2018-08-16


(Billy Qiu)

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**CPS SCA1KTL-S/EU, CPS SCA2KTL-S/EU,
CPS SCA2.5KTL-S/EU, CPS SCA3KTL-S/EU,
CPS SCA3.6KTL-S/EU, CPS SCA3KTL-SM/EU,
CPS SCA3.6KTL-SM/EU, CPS SCA4KTL-SM/EU,
CPS SCA4.6KTL-SM/EU, CPS SCA5KTL-SM/EU,
CPS SCA6KTL-SM/EU**

Model:	CPS SCA1KTL-S/EU	CPS SCA2KTL-S/EU	CPS SCA2.5KTL-S/EU	CPS SCA3KTL-S/EU	CPS SCA3.6KTL-S/EU
Maximum rated d.c. input voltage	600 Vd.c.	600 Vd.c.	600 Vd.c.	600 Vd.c.	600 Vd.c.
PV input MPPT operating voltage range	70 ~ 580 Vd.c.	70 ~ 580 Vd.c.	70 ~ 580 Vd.c.	70 ~ 580 Vd.c.	70 ~ 580 Vd.c.
Maximum operating PV input current	12.5 Ad.c.	12.5 Ad.c.	12.5 Ad.c.	12.5 Ad.c.	11 Ad.c.
Maximum total PV array s-c current	15 Ad.c.	15 Ad.c.	15 Ad.c.	15 Ad.c.	15 Ad.c.
a.c. output voltage range	230 Va.c.	230 Va.c.	230 Va.c.	230 Va.c.	230 Va.c.
Nominal a.c. output frequency	50 Hz	50 Hz	50 Hz	50 Hz	50 Hz
Maximum continuous a.c. output current	4.8 Aa.c.	9.5 Aa.c.	11.9 Aa.c.	14.3 Aa.c.	17.2 Aa.c.
Nominal output active power P_n	1 kW	2 kW	2.5 kW	3 kW	3.6 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

Model:	CPS SCA3KTL-SM/EU	CPS SCA3.6KTL-SM/EU	CPS SCA4KTL-SM/EU	CPS SCA4.6KTL-SM/EU	CPS SCA5KTL-SM/EU	CPS SCA6KTL-SM/EU
Maximum rated d.c. input voltage	600 Vd.c.	600 Vd.c.	600 Vd.c.	600 Vd.c.	600 Vd.c.	600 Vd.c.
PV input MPPT operating voltage range	70 ~ 580 Vd.c.	70 ~ 580 Vd.c.	70 ~ 580 Vd.c.	70 ~ 580 Vd.c.	70 ~ 580 Vd.c.	70 ~ 580 Vd.c.
Maximum operating PV input current	11 × 2 Ad.c.	11 ×2 Ad.c.	11 ×2 Ad.c.	11 ×2 Ad.c.	11 ×2 Ad.c.	11 ×2 Ad.c.



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Maximum total PV array s-c current	15 × 2 Ad.c.	15 × 2 Ad.c.	15 × 2 Ad.c.	15 × 2 Ad.c.	15 × 2 Ad.c.	15 × 2 Ad.c.
a.c. output voltage range	230 Va.c.	230 Va.c.	230 Va.c.	230 Va.c.	230 Va.c.	230 Va.c.
Nominal a.c. output frequency	50 Hz	50 Hz	50 Hz	50 Hz	50 Hz	50 Hz
Maximum continuous a.c. output current	14.3 Aa.c.	16.7 Aa.c.	19.1 Aa.c.	21.95 Aa.c.	23.8 Aa.c.	28.6 Aa.c.
Nominal output active power P_n	3 kW	3.68 kW	4.0 kW	4.6 kW	5.0 kW	6.0 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(ed.2)
IEC 62116(ed.2)