



Product Service

Attestation of Conformity

No. E8A 086049 0024 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

Name of Object: **Converter
(PV grid-interactive inverter)**

This Attestation of Conformity is issued on a voluntary basis according to the Directive 2014/30/EU relating to electromagnetic compatibility. It confirms that the listed apparatus complies with all essential requirements of the directive and is based on the technical specifications applicable at the time of issuance. It refers only to the particular sample submitted for testing and certification. See also notes overleaf.

Test report no.: 64772180422901

Date, 2018-10-08 (Tony Liu)

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After preparation of the necessary technical documentation as well as the EU Declaration of conformity the required CE marking can be affixed on the product. That Declaration of conformity is issued under the sole responsibility of the manufacturer. Other relevant EU-directives have to be observed.

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Model(s):

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

Parameters:

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	220 / 230 / 240 Va.c.					
Nominal a.c. output frequency	50/60 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.

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Maximum operating PV input current	11 x 2 Ad.c.	11 x 2 Ad.c.	11 x 2 Ad.c.	11 x 2 Ad.c.	11 x 2 Ad.c.	11 x 2 Ad.c.
Maximum total PV array s-c current	15 x 2 Ad.c.	15 x 2 Ad.c.	15 x 2 Ad.c.	15 x 2 Ad.c.	15 x 2 Ad.c.	15 x 2 Ad.c.
a.c. output voltage range	220 / 230 / 240 Va.c					
Nominal a.c. output frequency	50/60 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:

EN 61000-6-1:2007
EN 61000-6-3:2007/A1:2011

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