



Product Service

CERTIFICATE

No. Z2 086049 0053 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

Certification Mark:



Product:

**Converter
(Grid-Tied Solar Inverter)**

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition, the certification holder must not transfer the certificate to third parties. This certificate is valid until the listed date, unless it is cancelled earlier. All applicable requirements of the testing and certification regulations of TÜV SÜD Group have to be complied. For details see: www.tuvsud.com/ps-cert

Test report no.: 64290223124801

Valid until: 2027-09-07

Date, 2022-11-09

(Billy Qiu)

CERTIFICATE

No. Z2 086049 0053 Rev. 00

Model(s): CPS SCA2KTL-PS1/EU,
 CPS SCA3KTL-PS1/EU,
 CPS SCA3.6KTL-PS1/EU,
 CPS SCA4KTL-PSM1/EU,
 CPS SCA4.6KTL-PSM1/EU,
 CPS SCA5KTL-PSM1/EU,
 CPS SCA6KTL-PSM1/EU

Parameters:

Model	CPS SCA2KTL-PS1/EU	CPS SCA3KTL-PS1/EU	CPS SCA3.6KTL-PS1/EU
PV terminal			
Vmax. PV	500Vd.c.		
MPPT Voltage Range	50-490Vd.c.		
MPPT Voltage Range (full load)	140 ~ 430Vd.c.	210 ~ 430Vd.c.	250 ~ 430Vd.c.
MPPT Tracker number	1		
Max. continuous PV input current per tracker	15Ad.c.		
Isc PV per tracker	20Ad.c.		
Grid terminal			
Rated voltage	220/230/240 Va.c.		
Rated frequency	50/60 Hz		
Maximum continuous output current	10Aa.c.	15Aa.c.	16Aa.c.
Rated output current	9.1/8.7/8.3 Aa.c.	13.6/13.0/12.5 Aa.c.	16/15.7/15.0 Aa.c.
Maximum output current	10.0/9.6/9.2 Aa.c.	15.0/14.3/13.8 Aa.c.	16/15.7/15.0 Aa.c.
Rated output power	2000W	3000W	3600W
Rated output Apparent power	2000VA	3000VA	3600VA
Maximum continuous output Apparent power	2200VA	3300VA	3600VA
Power factor (Cos phi), adjustable	0.8 leading ~ 0.8 lagging		
Enclosure	IP65		
Temperature Range	-25°C ~ +60°C (derating at 45°C)		
Protective Class	I		
Altitude	up to 4000 m		

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Model	CPS SCA4KTL- PSM1/EU	CPS SCA4.6KTL- PSM1/EU	CPS SCA5KTL- PSM1/EU	CPS SCA6KTL- PSM1/EU
PV terminal				
Vmax. PV	550Vd.c.			
MPPT Voltage Range	70-540Vd.c.			
MPPT Voltage Range (full load)	140 ~ 480Vd.c.	160 ~ 480Vd.c.	170 ~ 480Vd.c.	210 ~ 480Vd.c.
MPPT Tracker number	2			
Max. continuous PV input current per tracker	15/15Ad.c.			
Isc PV per tracker	20/20Ad.c.			
Grid terminal				
Rated voltage	220/230/240 Va.c.			
Rated frequency	50/60 Hz			
Maximum continuous output current	20Aa.c.	23Aa.c.	25Aa.c.	27.3Aa.c.
Rated output current	18.2/17.4/16.7 Aa.c.	20.9/20.0/19.2 Aa.c.	22.7/21.7/20.8 Aa.c.	27.3/26.1/25.0 Aa.c.
Maximum output current	20.0/19.1/18.3 Aa.c.	23.0/22.0/21.0 Aa.c.	25.0/23.9/22.9 Aa.c.	27.3/26.1/25.0 Aa.c.
Rated output power	4000W	4600W	5000W	6000W
Rated output Apparent power	4000VA	4600VA	5000VA	6000VA
Maximum continuous output Apparent power	4400VA	5060VA	5500VA	6000VA
Power factor (Cos phi), adjustable	0.8 leading ~ 0.8 lagging			
Enclosure	IP65			
Temperature Range	-25°C ~ +60°C (derating at 45°C)			
Protective Class	I			
Altitude	up to 4000 m			

**Tested
according to:**

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