

# EU-Type Examination Certificate

No. E6A 086049 0039 Rev. 02

**Holder of Certificate:** **Shanghai CHINT Power Systems Co., Ltd.**  
Building 4, No. 3255, Sixian Road  
Songjiang District  
201614 Shanghai  
PEOPLE'S REPUBLIC OF CHINA

**Product:** **Converter**  
**(Grid-Tied PV Inverter)**

This EU-Type Examination Certificate is issued according to the Directive 2014/30/EU relating to electromagnetic compatibility. It confirms that the listed apparatus complies with such aspects of the requirements of the EMC directive as specified by the manufacturer or his authorized representative in the European Community and applies only to the sample and/or its technical documentation submitted for testing and certification. This Type Examination does not contain any statements pertaining to the EMC protection requirements governed by other laws which serve to implement EU Directives other than the aforementioned Directive 2014/30/EU.

For details see: [www.tuvsud.com/ps-cert](http://www.tuvsud.com/ps-cert)

**Evaluation Report No.:** 64.772.21.30197.03-(T)

**Date,** 2023-09-14



( Volker Albrecht )

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**Model(s):** CPS SCA136KTL-DO, CPS SCA110KTL-DO/EU, CPS SCA110KTL-DO/EU2, SCA120K-T-EU, SCA100K-T-EU, SCA125K-T-EU, SCA75K-T-EU, SCA75K-T-SA.

## Description of Object:

Models	CPS SCA110KTL-DO/EU	CPS SCA110KTL-DO/EU2	CPS SCA136KTL-DO
<b>PV input ratings :</b>			
V <sub>max.</sub> PV(absolute max.):	d.c. 1100V	d.c. 1100V	d.c. 1100V
MPP voltage range:	d.c. 200-1000V	d.c. 200-1000V	d.c. 200-1000V
Number of PV MPPT:	9	12	12
Max. input current:	d.c. 9×26A	d.c. 12×26A	d.c. 12×26A
I <sub>sc</sub> PV (absolute max.):	d.c. 9×40A	d.c. 12×40A	d.c. 12×40A
<b>AC output ratings :</b>			
Nominal AC grid voltage:	3/N/PE~ 400V or 3~ 400V	3/N/PE~ 400V or 3~ 400V	3/N/PE~ 540V or 3~ 540V
Nominal AC grid frequency:	50Hz	50Hz	50Hz
Max. continuous AC output current:	a.c. 3×160A	a.c. 3×160A	a.c. 3×161A
AC nominal power:	100kW	100kW	136kW
Max. continuous AC output active power:	110kW	110kW	150kW
Power factor @rated power:	>0.99(adj.±0.8)		
<b>General information:</b>			
Protection class:	Class I		
Ingress protection:	IP66		

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TÜV SÜD Product Service GmbH is notified Body to the Directive 2014/30/EU relating to electromagnetic compatibility with the identification number 0123.

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Overvoltage category:	II(PV), III(MAINS)
Operating temperature range:	-30°C ... +60°C

Models	SCA100K-T-EU	SCA120K-T-EU	SCA125K-T-EU
PV input ratings :			
Vmax. PV(absolute max.):	d.c. 1100V	d.c. 1100V	d.c. 1100V
MPP voltage range:	d.c. 200-950V	d.c. 200-950V	d.c. 200-950V
Number of PV MPPT:	12	12	12
Max. input current:	d.c. 12×30A	d.c. 12×30A	d.c. 12×30A
Isc PV (absolute max.):	d.c. 12×45A	d.c. 12×45A	d.c. 12×45A
AC output ratings :			
Nominal AC grid voltage:	3/N/PE~ 380/400V or 3~ 380/400V	3/N/PE~ 380/400V or 3~ 380/400V	3/N/PE~ 380/400V or 3~ 380/400V
Nominal AC grid frequency:	50/60Hz	50/60Hz	50/60Hz
Max. continuous AC output current:	a.c. 3×167.2A	a.c. 3×201A	a.c. 3×190A
AC nominal power:	100kW	120kW	125kW
Max. continuous AC output active power:	110kW	132kW	125kW
Power factor @rated power:	>0.99(adj.±0.8)		
General information:			
Protection class:	Class I		
Ingress	IP66		

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protection:	
Overvoltage category:	II(PV), III(MAINS)
Operating temperature range:	-30°C ... +60°C

Models	SCA75K-T-EU	SCA75K-T-SA
PV input ratings :		
Vmax. PV(absolute max.):	d.c. 1100V	d.c. 1100V
MPP voltage range:	d.c. 200-950V	d.c. 200-950V
Number of PV MPPT:	9	9
Max. input current:	d.c. 9×30A	d.c. 9×30A
Isc PV (absolute max.):	d.c. 9×45A	d.c. 9×45A
AC output ratings :		
Nominal AC grid voltage:	3/N/PE~ 380/400V or 3~ 380/400V	3/N/PE~ 220V or 3~ 220V
Nominal AC grid frequency:	50/60Hz	50/60Hz
Max. continuous AC output current:	a.c. 3×114A	a.c. 3×197A
AC nominal power:	75kW	75kW
Max. continuous AC output active power:	75kW	75kW
Power factor @rated power:	>0.99(adj.±0.8)	
General information:		
Protection class:	Class I	
Ingress protection:	IP66	
Overvoltage category:	II(PV), III(MAINS)	
Operating temperature range:	-30°C ... +60°C	

Remark: All aspects of the essential requirements were assessed.

Environment: other than residential.

This certificate does not consider requirements for broadcast radio equipment.

**Tested  
according to:**

IEC 61000-6-2:2016  
IEC 61000-6-4:2018  
EN IEC 61000-6-2:2019  
EN IEC 61000-6-4:2019