



Product Service

Attestation of Conformity

No. N8A 086049 0038 Rev. 02

Holder of Attestation: **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 Attestation of Conformity is issued on a voluntary basis according to the Low Voltage Directive 2014/35/EU relating to electrical equipment designed for use within certain voltage limits. It confirms that the listed equipment complies with the principal protection 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 conformity assessment. For details see: www.tuvsud.com/ps-cert

Test report no.: 704092016301-02

Date, 2023-09-14



(Zhengdong Ma)

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This Attestation does not replace the regulatory EU Declaration of Conformity (DoC) and does not allow for CE marking. After preparation of the necessary documentation and establishing compliance to requirements of all applicable directives, the manufacturer may sign a DoC and apply the CE marking. The DoC is issued under the sole responsibility of the manufacturer.

**TUV®**



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

Parameters:

Models	CPS SCA110KTL-DO/EU	CPS SCA110KTL-DO/EU2	CPS SCA136KTL-DO
PV input ratings :			
Vmax. 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
Isc PV (absolute max.):	d.c. 9×40A	d.c. 12×40A	d.c. 12×40A
AC output ratings :			
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)		
General information:			
Protection class:	Class I		
Ingress protection:	IP66		
Overvoltage category:	II(PV), III(MAINS)		
Operating temperature range:	-30°C ... +60°C		

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Models	SCA120K-T-EU	SCA125K-T-EU	SCA100K-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. 3×201A	a.c. 3×190A	a.c. 3×167.2A
AC nominal power:	120kW	125kW	100kW
Max. continuous AC output active power:	132kW	125kW	110kW
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		

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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	

Tested according to:

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

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