

Compliance Document

No. D 086049 0090 Rev. 00

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:

PV inverter
Grid-Tied PV 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. For details see: www.tuvsud.com/ps-cert

Test report no.:

4861923333000

Date,

2023-10-16



(Ming Gu)

Compliance Document

No. D 086049 0090 Rev. 00

Model(s): 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	SCA120K-T-EU	SCA125K-T-EU
PV input ratings :				
Vmax. PV(absolute max.):	d.c. 1100V	d.c. 1100V	d.c. 1100V	d.c. 1100V
MPPT voltage range:	d.c. 200-1000V	d.c. 200-1000V	d.c. 200-950V	d.c. 200-950V
Number of PV MPPT:	9	12	12	12
Max. PV input current:	d.c. 9×26A	d.c. 12×26A	d.c. 12×30A	d.c. 12×30A
Isc PV (absolute max.):	d.c. 9×40A	d.c. 12×40A	d.c. 12×45A	d.c. 12×45A
AC output ratings :				
Nominal AC grid voltage:	3(N)/PE ~ 400V	3(N)/PE ~ 400V	3(N)/PE ~ 380/400V	3(N)/PE ~ 380/400V
Nominal AC grid frequency:	50/60Hz	50/60Hz	50/60Hz	50/60Hz
Max. AC output current:	a.c. 3×160A	a.c. 3×160A	a.c. 3×201A	a.c. 3×190A
AC nominal power:	100kW	100kW	120kW	125kW
Max. AC output power:	110kW	110kW	132kW	125kW
Power factor @rated power:	>0.99(adj.±0.8)			
General information:				
Operating temperature range:	-30°C ... +60°C			
Ingress protection:	IP66			
Protection class:	Class I			
Overvoltage category:	III(MAINS), II(PV)			

Compliance Document

No. D 086049 0090 Rev. 00

Models	SCA100K-T-EU	SCA75K-T-EU	SCA75K-T-SA
PV input ratings :			
Vmax. PV(absolute max.):	d.c. 1100V	d.c. 1100V	d.c. 1100V
MPPT voltage range:	d.c. 200-950V	d.c. 200-950V	d.c. 200-950V
Number of PV MPPT:	12	9	9
Max. PV input current:	d.c. 12×30A	d.c. 9×30A	d.c. 9×30A
Isc PV (absolute max.):	d.c. 12×45A	d.c. 9×45A	d.c. 9×45A
AC output ratings :			
Nominal AC grid voltage:	3(N)/PE ~ 380/400V	3(N)/PE ~ 220V	3(N)/PE ~ 380/400V
Nominal AC grid frequency:	50/60Hz	50/60Hz	50/60Hz
Max. AC output current:	a.c. 3×167.2A	a.c. 3×197A	a.c. 3×114A
AC nominal power:	100kW	75kW	75kW
Max. AC output power:	110kW	75kW	75kW
Power factor @rated power:	>0.99(adj.±0.8)		
General information:			
Operating temperature range:	-30°C ... +60°C		
Ingress protection:	IP66		
Protection class:	Class I		
Overvoltage category:	III(MAINS), II(PV)		

**Tested
according to:**

IEC 61000-3-12:2011/AMD1:2021
IEC 61000-3-11:2017