

# Compliance Document

No. D 086049 0072 Rev. 00

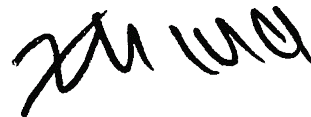
**Holder of Certificate:** **Shanghai CHINT Power Systems Co., Ltd.**  
Building 4, No. 3255, Sixian Road  
Songjiang District  
201614 Shanghai  
PEOPLE'S REPUBLIC OF CHINA

**Product:** **Converter**  
**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](http://www.tuvsud.com/ps-cert)

**Test report no.:** 5040923017305-00

**Date,** 2023-05-09



( Zhengdong Ma )

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**Model(s):** SCA5K-T-EU, SCA6K-T-EU, SCA8K-T-EU,  
SCA10K-T-EU, SCA15K-T-EU, SCA20K-T-EU,  
SCA25K-T-EU

## Parameters:

Models	SCA5K-T-EU	SCA6K-T-EU
PV input ratings :		
Vmax. PV(absolute max.):	d.c. 1100V	d.c. 1100V
MPP voltage range:	d.c. 200-1000V	d.c. 200-1000V
Number of PV MPPT:	2	2
Max. input current:	d.c. 2×15A	d.c. 2×15A
Isc PV (absolute max.):	d.c. 2×23A	d.c. 2×23A
AC output ratings :		
Nominal AC grid voltage:	3/(N)/PE~ 400/380V	3/(N)/PE~ 400/380V
Nominal AC grid frequency:	50/60Hz	50/60Hz
Max. continuous AC output current:	a.c. 8.4A	a.c. 10A
AC nominal power:	5kW	6kW
Max. continuous AC output active power:	5.5kW	6.6kW
Power factor @rated power:	>0.99(adj.±0.8)	>0.99(adj.±0.8)

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Models	SCA8K-T-EU	SCA10K-T-EU
PV input ratings :		
Vmax. PV(absolute max.):	d.c. 1100V	d.c. 1100V
MPP voltage range:	d.c. 200-1000V	d.c. 200-1000V
Number of PV MPPT:	2	2
Max. input current:	d.c. 2×15A	d.c. 2×15A
Isc PV (absolute max.):	d.c. 2×23A	d.c. 2×23A
AC output ratings :		
Nominal AC grid voltage:	3/(N)/PE~ 400/380V	3/(N)/PE~ 400/380V
Nominal AC grid frequency:	50/60Hz	50/60Hz
Max. continuous AC output current:	a.c. 13.4A	a.c. 16.7A
AC nominal power:	8kW	10kW
Max. continuous AC output active power:	8.8kW	11kW
Power factor @rated power:	>0.99(adj.±0.8)	>0.99(adj.±0.8)

Models	SCA15K-T-EU	SCA20K-T-EU	SCA25K-T-EU
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:	2	2	2
Max. input current:	d.c. 2×15A	d.c. 2×30A	d.c. 2×30A
Isc PV (absolute max.):	d.c. 2×23A	d.c. 2×45A	d.c. 2×45A
AC output ratings :			
Nominal AC grid voltage:	3/(N)/PE~ 400/380V	3/(N)/PE~ 400/380V	3/(N)/PE~ 400/380V
Nominal AC grid frequency:	50/60Hz	50/60Hz	50/60Hz
Max. continuous AC output current:	a.c. 25A	a.c. 33.4A	a.c. 41.7A
AC nominal power:	15kW	20kW	25kW
Max. continuous AC output active power:	16.5kW	22kW	27.5kW
Power factor @rated power:	>0.99(adj.±0.8)		

**Tested according to:**

IEC 61727:2004  
IEC 62116:2014