

# Compliance Document

No. D 086049 0068 Rev. 00

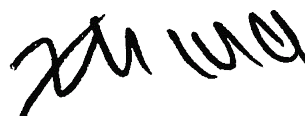
**Holder of Certificate:** **Shanghai CHINT Power Systems Co., Ltd.**  
Building 4, No. 3255, Sixian Road  
Songjiang District  
201614 Shanghai  
PEOPLE'S REPUBLIC OF CHINA

**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.:** 704092215702-00

**Date,** 2023-04-26



( Zhengdong Ma )

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## Model(s):

SCA15K-T-SA, SCA20K-T-SA, SCA25K-T-SA,  
SCA25K-TM-EU, SCA30K-T-EU, SCA33K-T-EU,  
SCA36K-T-EU, SCA37.5K-T-EU, SCA40K-T-EU

## Parameters:

Models	SCA15K-T-SA	SCA20K-T-SA	SCA25K-T-SA
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:	4	4	4
Max. input current:	d.c. 4×30A	d.c. 4×30A	d.c. 4×30A
Isc PV (absolute max.):	d.c. 4×45A	d.c. 4×45A	d.c. 4×45A
AC output ratings :			
Nominal AC grid voltage:	3/(N)/PE~ 208/220/240V	3/(N)/PE~ 208/220/240V	3/(N)/PE~ 208/220/240V
Nominal AC grid frequency:	50Hz/60Hz	50Hz/60Hz	50Hz/60Hz
Max. continuous AC output current:	a.c. 43.3A	a.c. 57.8A	a.c. 65.6A
AC nominal power:	15kW	20kW	25kW
Max. continuous AC output active power:	16.5kW	22kW	25kW
Power factor @rated power:	>0.99(adj.±0.8)		

Models	SCA25K-TM-EU	SCA30K-T-EU	SCA33K-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:	3	3	3
Max. input current:	d.c. 3×30A	d.c. 3×30A	d.c. 3×30A
Isc PV (absolute max.):	d.c. 3×45A	d.c. 3×45A	d.c. 3×45A
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:	50Hz/60Hz	50Hz/60Hz	50Hz/60Hz
Max. continuous AC output current:	a.c. 41.7A	a.c. 50A	a.c. 55A
AC nominal power:	25kW	30kW	33kW
Max. continuous AC output active power:	27.5kW	33kW	36.3kW
Power factor @rated power:	>0.99(adj.±0.8)		

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Models	SCA36K-T-EU	SCA37.5K-T-EU	SCA40K-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:	4	4	4
Max. input current:	d.c. 4×30A	d.c. 4×30A	d.c. 4×30A
Isc PV (absolute max.):	d.c. 4×45A	d.c. 4×45A	d.c. 4×45A
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:	50Hz/60Hz	50Hz/60Hz	50Hz/60Hz
Max. continuous AC output current:	a.c. 60A	a.c. 62.5A	a.c. 66.7A
AC nominal power:	36kW	37.5kW	40kW
Max. continuous AC output active power:	39.6kW	41.3kW	44kW
Power factor @rated power:	>0.99(adj.±0.8)		

**Tested  
according to:**

IEC 61727:2004  
IEC 62116:2014