



Product Service

# CERTIFICATE

No. B 086049 0076 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

**Certification Mark:**



**Product:** PV inverter  
Grid-Tied PV Inverter

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition, the certification holder must not transfer the certificate to third parties. This certificate is valid until the listed date, unless it is cancelled earlier. All applicable requirements of the testing and certification regulations of TÜV SÜD Group have to be complied. For details see: [www.tuvsud.com/ps-cert](http://www.tuvsud.com/ps-cert)

**Test report no.:** 5040923017304-00

**Valid until:** 2028-05-17

**Date,** 2023-05-22

( 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	SCA8K-T-EU
PV input ratings :			
Vmax. PV(absolute max.):	d.c. 1100V	d.c. 1100V	d.c. 1100V
MPPT voltage range:	d.c. 200-1000V	d.c. 200-1000V	d.c. 200-1000V
Number of PV MPPT:	2	2	2
Max. operating PV input current:	d.c. 2 x 15A	d.c. 2 x 15A	d.c. 2 x 15A
Isc PV (absolute max.):	d.c. 2 x 23A	d.c. 2 x 23A	d.c. 2 x 23A
AC output ratings :			
Nominal AC grid voltage:	3(N)/PE ~ 400/380V		
Nominal AC grid frequency:	50/60Hz		
Max. continuous AC output current:	a.c. 8.4A	a.c. 10A	a.c. 13.4A
AC nominal power:	5kW	6kW	8kW
Max. continuous AC output active power:	5.5 kW	6.6kW	8.8kW
Power factor @rated power:	>0.99(adj.±0.8)		
General information:			
Operating temperature range:	-25°C...+60°C		
Ingress protection:	IP66		
Protection class:	Class I		
Overvoltage category:	III(MAINS), II(PV)		

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No. B 086049 0076 Rev. 00

Models	SCA10K-T-EU	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	d.c. 1100V
MPPT voltage range:	d.c. 200 - 1000V	d.c. 200 - 1000V	d.c. 200 - 1000V	d.c. 200 - 1000V
Number of PV MPPT:	2	2	2	2
Max. operating PV input current:	d.c. 2 x 15A	d.c. 2 x 15A	d.c. 2 x 30A	d.c. 2 x 30A
Isc PV (absolute max.):	d.c. 2 x 23A	d.c. 2 x 23A	d.c. 2 x 45A	d.c. 2 x 45A
AC output ratings :				
Nominal AC grid voltage:	3(N)/PE ~ 400/380V			
Nominal AC grid frequency:	50/60Hz			
Max. continuous AC output current:	a.c. 16.7A	a.c. 25A	a.c. 33.4A	a.c. 41.7A
AC nominal power:	10kW	15kW	20kW	25kW
Max. continuous AC output active power:	11kW	16.5kW	22kW	27.5kW
Power factor @rated power:	>0.99(adj.±0.8)			
General information:				
Operating temperature range:	-25°C...+60°C			
Ingress protection:	IP66			
Protection class:	Class I			
Overvoltage category:	III(MAINS), II(PV)			

**Tested according to:** IEC 62109-1:2010  
 EN 62109-1:2010  
 IEC 62109-2:2011  
 EN 62109-2:2011