



Product Service

CERTIFICATE

No. B 086049 0061 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

Test report no.: 704092215701-00

Valid until: 2028-02-19

Date, 2023-03-03

(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
MPPT voltage range:	d.c. 200-1000V	d.c. 200-1000V	d.c. 200-1000V
Number of PV MPPT:	4	4	4
Max. operating PV 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:	50/60Hz	50/60Hz	50/60Hz
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)		
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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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
MPPT voltage range:	d.c. 200-1000V	d.c. 200-1000V	d.c. 200-1000V
Number of PV MPPT:	3	3	3
Max. operating PV 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:	50/60Hz	50/60Hz	50/60Hz
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)		
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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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
MPPT voltage range:	d.c. 200-1000V	d.c. 200-1000V	d.c. 200-1000V
Number of PV MPPT:	4	4	4
Max. operating PV 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:	50/60Hz	50/60Hz	50/60Hz
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)		
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