

Compliance Document

No. D 086049 0094 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.:

4840924204500

Date,

2024-01-15



(Ming Gu)

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