

Compliance Document

No. D 086049 0095 Rev. 00

Holder of Certificate: **Shanghai CHINT Power Systems Co., Ltd.**

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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.:

4840924204400

Date,

2024-01-16



(Ming Gu)

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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	SCA10K-T-EU
PV input ratings :				
V _{max} . 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. 2×15A	d.c. 2×15A	d.c. 2×15A	d.c. 2×15A
I _{sc} PV (absolute max.):	d.c. 2×23A	d.c. 2×23A	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	3(N)/PE ~ 400/380V	3(N)/PE ~ 400/380V
Nominal AC grid frequency:	50/60Hz	50/60Hz	50/60Hz	50/60Hz
Max. continuous AC output current:	a.c.8.4A	a.c.10A	a.c.13.4A	a.c.16.7A
AC nominal power:	5kW	6kW	8kW	10kW
Max. continuous AC output active power:	5.5kW	6.6kW	8.8kW	11kW
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	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
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. 2×15A	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)		
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 61000-3-11:2017
IEC 61000-3-12:2011/AMD1:2021