



Product Service

CERTIFICATE

No. B 086049 0037 Rev. 01

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: Converter
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.: 704092016301-01

Valid until: 2028-06-01

Date, 2023-06-02

(Zhengdong Ma)

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Model(s): CPS SCA136KTL-DO, CPS SCA110KTL-DO/EU, CPS SCA110KTL-DO/EU2, SCA120K-T-EU, SCA125K-T-EU, SCA75K-T-EU, SCA75K-T-SA.

Parameters:

Models	CPS SCA110KTL-DO/EU	CPS SCA110KTL-DO/EU2	CPS SCA136KTL-DO
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:	9	12	12
Max. input current:	d.c. 9×26A	d.c. 12×26A	d.c. 12×26A
Isc PV (absolute max.):	d.c. 9×40A	d.c. 12×40A	d.c. 12×40A
AC output ratings :			
Nominal AC grid voltage:	3/N/PE~ 400V or 3~ 400V	3/N/PE~ 400V or 3~ 400V	3/N/PE~ 540V or 3~ 540V
Nominal AC grid frequency:	50Hz	50Hz	50Hz
Max. continuous AC output current:	a.c. 3×160A	a.c. 3×160A	a.c. 3×161A
AC nominal power:	100kW	100kW	136kW
Max. continuous AC output active power:	110kW	110kW	150kW
Power factor @rated power:	>0.99(adj.±0.8)		
General information:			
Protection class:	Class I		
Ingress protection:	IP66		
Overtoltage category:	II(PV), III(MAINS)		
Operating temperature range:	-30°C ... +60°C		

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Models	SCA120K-T-EU	SCA125K-T-EU
PV input ratings :		
Vmax. PV(absolute max.):	d.c. 1100V	d.c. 1100V
MPP voltage range:	d.c. 200-950V	d.c. 200-950V
Number of PV MPPT:	12	12
Max. input current:	d.c. 12×30A	d.c. 12×30A
Isc PV (absolute max.):	d.c. 12×45A	d.c. 12×45A
AC output ratings :		
Nominal AC grid voltage:	3/N/PE~ 380/400V or 3~ 380/400V	3/N/PE~ 380/400V or 3~ 380/400V
Nominal AC grid frequency:	50/60Hz	50/60Hz
Max. continuous AC output current:	a.c. 3×201A	a.c. 3×190A
AC nominal power:	120kW	125kW
Max. continuous AC output active power:	132kW	125kW
Power factor @rated power:	>0.99(adj.±0.8)	
General information:		
Protection class:	Class I	
Ingress protection:	IP66	
Overvoltage category:	II(PV), III(MAINS)	
Operating temperature range:	-30°C ... +60°C	

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Models	SCA75K-T-EU	SCA75K-T-SA
PV input ratings :		
Vmax. PV(absolute max.):	d.c. 1100V	d.c. 1100V
MPP voltage range:	d.c. 200-950V	d.c. 200-950V
Number of PV MPPT:	9	9
Max. input current:	d.c. 9×30A	d.c. 9×30A
Isc PV (absolute max.):	d.c. 9×45A	d.c. 9×45A
AC output ratings :		
Nominal AC grid voltage:	3/N/PE~ 380/400V or 3~ 380/400V	3/N/PE~ 220V or 3~ 220V
Nominal AC grid frequency:	50/60Hz	50/60Hz
Max. continuous AC output current:	a.c. 3×114A	a.c. 3×197A
AC nominal power:	75kW	75kW
Max. continuous AC output active power:	75kW	75kW
Power factor @rated power:	>0.99(adj.±0.8)	
General information:		
Protection class:	Class I	
Ingress protection:	IP66	
Overtoltage category:	II(PV), III(MAINS)	
Operating temperature range:	-30°C ... +60°C	

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