

# Compliance Document

No. D 086049 0079 Rev. 01

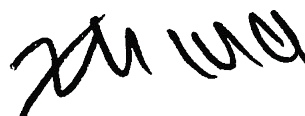
**Holder of Certificate:** **Shanghai CHINT Power Systems Co., Ltd.**  
Building 4, No. 3255, Sixian Road  
Songjiang District  
201614 Shanghai  
PEOPLE'S REPUBLIC OF CHINA

**Product:** **Converter**  
**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](http://www.tuvsud.com/ps-cert)

**Test report no.:** 5040923017302-01

**Date,** 2023-09-27



( Zhengdong Ma )

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**Model(s):** SCA75K-T-SA, SCA75K-T-EU, SCA100K-T-EU, SCA120K-T-EU, SCA125K-T-EU

## Parameters:

| Models                                  | SCA75K-T-SA     | SCA75K-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:                      | 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~ 220V  | 3/(N)/PE~ 400/380V |
| Nominal AC grid frequency:              | 50/60Hz         | 50/60Hz            |
| Max. continuous AC output current:      | a.c. 197A       | a.c. 114A          |
| AC nominal power:                       | 75kW            | 75kW               |
| Max. continuous AC output active power: | 75kW            | 75kW               |
| Power factor @rated power:              | >0.99(adj.±0.8) | >0.99(adj.±0.8)    |

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| Models                                  | SCA100K-T-EU       | SCA120K-T-EU       | SCA125K-T-EU       |
|---|--------------------|--------------------|--------------------|
| PV input ratings :                      |                    |                    |                    |
| Vmax. PV(absolute max.):                | d.c. 1100V         | d.c. 1100V         | d.c. 1100V         |
| MPP voltage range:                      | d.c. 200-950V      | d.c. 200-950V      | d.c. 200-950V      |
| Number of PV MPPT:                      | 12                 | 12                 | 12                 |
| Max. input current:                     | d.c. 12×30A        | d.c. 12×30A        | d.c. 12×30A        |
| Isc PV (absolute max.):                 | d.c. 12×45A        | d.c. 12×45A        | d.c. 12×45A        |
| 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. 167.2 A       | a.c. 201A          | a.c. 190A          |
| AC nominal power:                       | 100kW              | 120kW              | 125kW              |
| Max. continuous AC output active power: | 110kW              | 132kW              | 125kW              |
| Power factor @rated power:              | >0.99(adj.±0.8)    | >0.99(adj.±0.8)    | >0.99(adj.±0.8)    |

**Tested  
according to:**

IEC 61727:2004  
IEC 62116:2014