



Product Service

# CERTIFICATE

No. B 073342 0264 Rev. 01

**Holder of Certificate:** **Sungrow Power Supply Co., Ltd.**No. 1699 Xiyou Road, New & High  
Technology Industrial Development Zone,  
230088 Hefei, Anhui  
PEOPLE'S REPUBLIC OF CHINA**Certification Mark:****Product:****Converter**  
**Grid-connected 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. See also notes overleaf.

**Test report no.:** 704091802546-01**Valid until:** 2025-01-15**Date,** 2020-01-20

( Zhengdong Ma )



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**Model(s):** SG150TX, SG136TX, SG132TX,  
SG110CX, SG100CX.

## Parameters:

|                            |                                                                                                                   |
|----------------------------|-------------------------------------------------------------------------------------------------------------------|
| Max. Input Voltage:        | d.c. 1100 V                                                                                                       |
| Min. MPP Voltage:          | d.c. 200 V                                                                                                        |
| Max. MPP Voltage:          | d.c. 1000 V                                                                                                       |
| Max. Input Current:        | d.c. 12×26 A (SG150TX, SG136TX, SG132TX)<br>d.c. 9×26 A (SG110CX, SG100CX)                                        |
| Isc PV:                    | d.c. 12×40 A (SG150TX, SG136TX, SG132TX)<br>d.c. 9×40 A (SG110CX, SG100CX)                                        |
| Rated Output Voltage:      | a.c. 3/PE ~ 540 V (SG150TX, SG136TX)<br>a.c. 3/PE ~ 480 V (SG132TX)<br>a.c. 3/N/PE ~ 400/230 V (SG110CX, SG100CX) |
| Rated Output Frequency:    | 50/60 Hz                                                                                                          |
| Max. Output Current:       | a.c. 160,4 A (SG150TX, SG136TX),<br>a.c. 158,8 A (SG132TX, SG110CX, SG100CX)                                      |
| Rated Output Power:        | 136 kW (SG150TX, SG136TX),<br>120 kW (SG132TX),<br>100 kW (SG110CX, SG100CX)                                      |
| Max. Apparent Power:       | 150 kVA (SG150TX, SG136TX),<br>132 kVA (SG132TX),<br>110 kVA (SG110CX, SG100CX)                                   |
| Power Factor Range:        | 0,8Leading...0,8Lagging                                                                                           |
| Ambient temperature range: | -30°C...+60°C                                                                                                     |
| Protective class:          | I                                                                                                                 |
| Ingress protection:        | IP66                                                                                                              |
| Overvoltage category:      | II(PV), III(Mains)                                                                                                |

**Tested according to:** IEC 62109-1(ed.1)  
EN 62109-1:2010  
IEC 62109-2(ed.1)  
EN 62109-2:2011

**Production Facility(ies):** 073342, 102367, 106493