



Product Service

# CERTIFICATE

No. B 18 03 41829 03088

**Holder of Certificate:** Huawei Technologies Co., Ltd.

Administration Building  
Headquarters of Huawei Technologies Co., Ltd.  
Bantian, Longgang District  
518129 Shenzhen  
PEOPLE'S REPUBLIC OF CHINA

**Certification Mark:****Product:****Converter  
SOLAR 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.:** 704091805101-00**Valid until:** 2023-03-01**Date,** 2018-03-06

( Zhengdong Ma )

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Product Service

**CERTIFICATE****No. B 18 03 41829 03088****Model(s):**

**SUN2000-75KTL-C1, SUN2000-70KTL-C1,  
SUN2000-65KTL-C1, SUN2000-65KTL-M0,  
SUN2000-60KTL-M0, SUN2000-50KTL-M0,  
SUN2000-70KTL-INM0.**

**Parameters:**

|                              |                              |
|------------------------------|------------------------------|
| d.c. Max.Input Voltage:      | 1100 Vd.c.                   |
| d.c. MPP Range:              | 200-1000 Vd.c.               |
| d.c. Max.Input Current:      | see attachment.              |
| Isc PV:                      | see attachment.              |
| a.c. Output Nominal Voltage: | see attachment.              |
| a.c. Nominal                 |                              |
| Operating Frequency:         | see attachment.              |
| a.c. Output Max. Current:    | see attachment.              |
| a.c. Output Rated Power:     | see attachment.              |
| a.c. Output Max. Power:      | see attachment.              |
| Power Factor:                | 0,8(lagging)... 0,8(leading) |
| Operating Temperature Range: | -25°C... + 60°C              |
| Protective Class:            | I                            |
| Ingress Protection:          | IP65                         |

**Tested  
according to:**

IEC 62109-1(ed.1)  
EN 62109-1:2010  
IEC 62109-2(ed.1)  
EN 62109-2:2011

**Production  
Facility(ies):**

82137, 02495

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## Attachment to Certificate

| Model                             | SUN2000-75KTL-C1       | SUN2000-70KTL-C1                   | SUN2000-70KTL-INM0 | SUN2000-65KTL-C1 | SUN2000-65KTL-M0 | SUN2000-60KTL-M0                                     | SUN2000-50KTL-M0                                      |
|-----------------------------------|------------------------|------------------------------------|--------------------|------------------|------------------|------------------------------------------------------|-------------------------------------------------------|
| Parameter                         |                        |                                    |                    |                  |                  |                                                      |                                                       |
| d.c. Max. Input Current:          | 25 A /25 A /25 A /25 A | 22 A /22 A /22 A /22 A /22 A /22 A |                    |                  |                  |                                                      |                                                       |
| Isc PV:                           | 39 A /39 A /39 A /39 A | 30 A /30 A /30 A /30A /30 A /30A   |                    |                  |                  |                                                      |                                                       |
| a.c. Output Nominal Voltage:      | 3~, 500 Va.c.          |                                    |                    |                  | 3~, 480 Va.c.    | 3~, 480 Va.c. or 3/N/PE~, 380/400 Va.c.              | 3/N/PE~, 380/400/415 Va.c.                            |
| a.c. Nominal Operating Frequency: | 50 Hz                  | 50/60 Hz                           | 50 Hz              | 50/60 Hz         |                  |                                                      |                                                       |
| a.c. Output Max. Current:         | 95,3 A                 | 89 A                               | 83,2 A             | 83,2 A           | 86,7 A           | 100 A (380Vac)<br>95,3 A (400Vac)<br>79,4 A (480Vac) | 83,6 A (380Vac)<br>79,4 A (400Vac)<br>76,6 A (415Vac) |
| a.c. Output Rated Power:          | 75 kW                  | 70 kW                              | 65 kW              | 65 kW            | 65 kW            | 60 kW                                                | 50 kW                                                 |
| a.c. Output Max. Power:           | 82,5 kW                | 77 kW                              | 72 kW              | 72 kW            | 72 kW            | 66 kW                                                | 55 kW                                                 |