

CERTIFICATE OF CONFORMITY

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

For the product: SOLAR INVERTER



Trade name: HUAWEI

Type/Model: SUN2000-50K-MC0-NH, SUN2000-50K-MC0, SUN2000-40K-MC0-NH, SUN2000-40K-MC0-BR, SUN2000-40K-MC0, SUN2000-33K-MC0-NH, SUN2000-30K-MC0-BR, SUN2000-30K-MC0

Ratings: See Annex

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

Requirements: IEC 61727:2004
IEC 62116:2014

This Test Certificate is granted on account of an examination by DEKRA, the results of which are laid down in a confidential file no. 6240093.50(A-B)

The examination has been carried out on one single specimen of the product. The certificate does not include an assessment of the manufacture's production. Conformity of his production with the specimen tested by DEKRA is not the responsibility of DEKRA.

This Test Certificate expires at the latest on 2030-09-19 or expires upon withdrawal of one of the above mentioned standards.

Shanghai, 2025-09-19

Number: 6240093.01COC

DEKRA Testing and Certification (Shanghai) Ltd.

Kreny Lin
Certification Manager

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ESA-CER-F021 v4.1

Document no. : 6240093.01COC

Operating temperature range: - 25°C to + 60°C

Protective class: I

Ingress protection rating: IP66

Power factor range (adjustable): 0.8 leading...0.8 lagging

SUN2000-50K-MC0-NH:

PV input: Max. 1100 Vdc, MPPT voltage range: 180-1000 Vdc, max current: 30/33/33/30 A,

Isc PV: 40/44/44/40 A

AC output: 3L/N/PE, 420/440/480 Vac, 50/60 Hz,

max current 76.0 A@420 Vac, 72.5 A@440 Vac, 66.5 A@480 Vac, max apparent power 55 kVA

SUN2000-50K-MC0:

PV input: Max. 1100 Vdc, MPPT voltage range: 180-1000 Vdc, max current: 30/33/33/30 A,

Isc PV: 40/44/44/40 A

AC output: 3L/N/PE, 380/400/480 Vac, 50/60 Hz,

max current 84.0 A@380 Vac, 79.8 A@400 Vac, 66.5 A@480 Vac, max apparent power 55 kVA

SUN2000-40K-MC0-NH:

PV input: Max. 1100 Vdc, MPPT voltage range: 180-1000 Vdc, max current: 27/27/27/27 A,

Isc PV: 40/40/40/40 A

AC output: 3L/N/PE, 420/440/480 Vac, 50/60 Hz,

max current 63.6 A@420 Vac, 60.7 A@440 Vac, 55.6 A@480 Vac, max apparent power 46 kVA

SUN2000-40K-MC0-BR:

PV input: Max. 1100 Vdc, MPPT voltage range: 180-1000 Vdc, max current: 27/27/27/27 A,

Isc PV: 40/40/40/40 A

AC output: 3L/N/PE, 380 Vac, 60 Hz,

max current 67.2 A@380 Vac, max apparent power 44 kVA

SUN2000-40K-MC0:

PV input: Max. 1100 Vdc, MPPT voltage range: 180-1000 Vdc, max current: 27/27/27/27 A,

Isc PV: 40/40/40/40 A

AC output: 3L/N/PE, 380/400/480 Vac, 50/60 Hz,

max current 67.2 A@380 Vac, 63.8 A@400 Vac, 53.2 A@480 Vac, max apparent power 44 kVA

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SUN2000-33K-MC0-NH:

PV input: Max. 1100 Vdc, MPPT voltage range: 180-1000 Vdc, max current: 27/27/27/27 A,

Isc PV: 40/40/40/40 A

AC output: 3L/N/PE, 420/440/480 Vac, 50/60 Hz,

max current 52.5 A@420 Vac, 50.1 A@440 Vac, 45.9 A@480 Vac, max apparent power 38 kVA

SUN2000-30K-MC0-BR:

PV input: Max. 1100 Vdc, MPPT voltage range: 180-1000 Vdc, max current: 27/27/27/27 A,

Isc PV: 40/40/40/40 A

AC output: 3L/N/PE, 380 Vac, 60 Hz,

max current 50.4 A@380 Vac, max apparent power 33 kVA

SUN2000-30K-MC0:

PV input: Max. 1100 Vdc, MPPT voltage range: 180-1000 Vdc, max current: 27/27/27/27 A,

Isc PV: 40/40/40/40 A

AC output: 3L/N/PE, 380/400/480 Vac, 50/60 Hz,

max current 50.4 A@380 Vac, 47.9 A@400 Vac, 39.9 A@480 Vac, max apparent power 33 kVA

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