



Product Service

# Compliance Document

No. D 17 07 41829 02877

**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

**Product: Converter  
SOLAR INVERTER****Model(s): SUN2000-36KTL, SUN2000-42KTL,  
SUN2000-33KTL-JP, SUN2000-40KTL-JP,  
SUN2000 43KTL-IN-C1, SUN2000-33KTL-A.**

<b>Parameters:</b>	d.c. Max. Input Voltage:	1100 Vd.c.
	d.c. MPP Range:	200 - 1000 Vd.c.
	d.c. Max. Input Current:	22 A /22 A /22 A /22 A
	Isc PV:	30 A /30 A /30 A /30 A
	a.c. Output Nominal Voltage:	See page 2
	a.c. Nominal	
	Operating Frequency:	See page 2
	a.c. Output Max. Current:	See page 2
	a.c. Output Rated Power:	See page 2
	a.c. Output Max. Power:	See page 2
	Power Factor(adj.):	0,8(lagging)...0,8(leading)
	Operating Temperature Range:	-25°C... + 60°C
	Protective Class:	I
	Ingress Protection:	IP65

**Tested according to:** IEC 61727:2004  
IEC 62116:2014

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. See also notes overleaf.

Test report no.: 704091608604-01

Date, 2017-07-31

  
 (Zhengdong Ma)


Page 1 of 2



Different parameters for various models:

Model Parameter	SUN2000-33KTL-A	SUN2000-36KTL	SUN2000-42KTL	SUN2000-33KTL-JP	SUN2000-40KTL-JP	SUN2000-43KTL-IN-C1
a.c. Output Nominal Voltage	3/N/PE~, 400V	3/N/PE~, 400V	3~, 480V	3~, 440V	3~, 440V	3~, 500V
		3~, 400V (optional)		3~, 420V (optional)		
		3~, 480V (optional)		3~, 480V (optional)		
a.c. Nominal Operating Frequency	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	50 Hz
a.c. Output Max. Current	48 A	60,8 A (@rated voltage 380V)	56,6 A	52,3 A (@rated voltage 420V)	60,4 A (@rated voltage 440V)	60,7 A
		57,8 A (@rated voltage 400V)		49,9 A (@rated voltage 440V)		
		48,2 A (@rated voltage 480V)		45,8 A (@rated voltage 480V)	55,4 A (@rated voltage 480V)	
a.c. Output Rated Power	30 kVA	36 kVA	42 kVA	33,3 kVA	40 kVA	43 kVA
a.c. Output Max. Power	33 kVA	40 kVA	47 kVA	38 kVA	46 kVA	52,5 kVA

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Product Service

# Compliance Document

No. D 16 05 41829 02383

**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**Product:** **Converter  
SOLAR INVERTER****Model(s):** **SUN2000-36KTL, SUN2000-42KTL, SUN2000-33KTL-JP,  
SUN2000-40KTL-JP, SUN2000 43KTL-IN-C1.**

<b>Parameters:</b>	d.c. Max. Input Voltage:	1100 Vd.c.
	d.c. MPP Range:	200 - 1000 Vd.c.
	d.c. Max. Input Current:	22 A /22 A /22 A /22 A
	Isc PV:	30 A /30 A /30 A /30 A
	a.c. Output Nominal Voltage:	See page 2
	a.c. Nominal Operating Frequency:	See page 2
	a.c. Output Max. Current:	See page 2
	a.c. Output Rated Power:	See page 2
	a.c. Output Max. Power:	See page 2
	Power Factor(adj.):	0,8(lagging)...0,8(leading)
	Operating Temperature Range:	-25°C...+60°C
	Protective Class:	I
	Ingress Protection:	IP65

**Tested according to:** IEC 61727:2004  
IEC 62116:2014

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. See also notes overleaf.

**Test report no.:** 704091608604-00**Date,** 2016-06-08
  
( Zhengdong Ma )


Page 1 of 2



Different parameters for various models:

Model	SUN2000-36KTL	SUN2000-42KTL	SUN2000-33KTL-JP	SUN2000-40KTL-JP	SUN2000-43KTL-IN-C1
a.c. Output Nominal Voltage	3/N/PE~, 400V 3~, 400V (optional) 3~, 480V (optional)	3~, 480V	3~, 440V 3~, 420V (optional) 3~, 480V (optional)	3~, 440V 3~, 480V (optional)	3~, 500V
a.c. Nominal Operating Frequency	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	50 Hz
a.c. Output Max. Current	57,8 A (@rated voltage 400V) 48,2 A (@rated voltage 480V)	56,6 A	52,3 A (@rated voltage 420V) 49,9 A (@rated voltage 440V) 45,8 A (@rated voltage 480V)	60,4 A (@rated voltage 440V) 55,4 A (@rated voltage 480V)	60,7 A
a.c. Output Rated Power	36 kVA	42 kVA	33,3 kVA	40 kVA	43 kVA
a.c. Output Max. Power	40 kVA	47 kVA	38 kVA	46 kVA	52,5 kVA