



Product Service

## Attestation of Conformity

Huawei Technologies Co., Ltd.

Administration Building, Headquarters of Huawei Technologies

Co., Ltd., Bantian, Longgang District, Shenzhen, 518129,

PEOPLE'S REPUBLIC OF CHINA

**Product:** Solar Inverter

**Model:** SUN2000-15KTL-M3, SUN2000-17KTL-M3,  
SUN2000-20KTL-M3, SUN2000-23KTL-M3,  
SUN2000-29.9KTL-M3, SUN2000-30KTL-M3,  
SUN2000-36KTL-M3, SUN2000-40KTL-M3,  
SUN2000-50KTL-ZHM3

**Parameters:** Maximum PV array open-circuit voltage: 1100Vd.c.

PV input operating voltage range: 200V~1000Vd.c.

Nominal output frequency: 50/60 Hz

Protect class: I

(other Parameters refer to below table)

Model	SUN2000-15KTL-M3	SUN2000-17KTL-M3	SUN2000-20KTL-M3
Maximum PV array open-circuit voltage	1100Vd.c.	1100Vd.c.	1100Vd.c.
Maximum operating PV input current	26A	26A	26A
PV input operating voltage range	200 V~1000 Vd.c.	200 V~1000 Vd.c.	200 V~1000 Vd.c.
Rated output voltage	220V ~ 230V/380V ~ 400V, 3W+N+PE	220V ~ 230V/380V ~ 400V, 3W+N+PE	220V ~ 230V/380V ~ 400V, 3W+N+PE
Nominal output frequency	50Hz /60Hz	50Hz /60Hz	50Hz /60Hz
Maximum continuous output current	25.2A	28.5A	33.5A
Power factor (Cos φ)	0.8 leading ~ 0.8 lagging	0.8 leading ~ 0.8 lagging	0.8 leading ~ 0.8 lagging
Rated Output Power	15000W	17000W	20000W
Dimensions (W x D x H)	640*530*270mm	640*530*270mm	640*530*270mm
Weight (kg)	43kg	43kg	43kg

Model	SUN2000-23KTL-M3	SUN2000-29.9KTL-M3	SUN2000-30KTL-M3
Maximum PV array open-circuit voltage	1100Vd.c.	1100Vd.c.	1100Vd.c.
Maximum operating PV input current	26A	26A	26A
PV input operating voltage range	200 V~1000 Vd.c.	200 V~1000 Vd.c.	200 V~1000 Vd.c.
Rated output voltage	220V ~ 230V/380V ~ 400V, 3W+N+PE	230Vac/400Vac, 3W+N+PE 277Vac/480Vac, 3W+PE	220Vac/380Vac, 3W+N+PE 230Vac/400Vac, 3W+N+PE 254Vac/440Vac, 3W+N+PE 277Vac/480Vac, 3W+PE
Nominal output frequency	50Hz /60Hz	50Hz /60Hz	50Hz /60Hz
Maximum continuous output current	35.1A	43.2A/400Vac, 36.0A/480Vac,	50.4A/380Vac 47.9A/400Vac 43.5A/440Vac 39.9A/480Vac
Power factor (Cos φ)	0.8 leading ~ 0.8 lagging	0.8 leading ~ 0.8 lagging	0.8 leading ~ 0.8 lagging
Rated Output Power	23000W	29900W	30000W
Dimensions (W x D x H)	640*530*270mm	640*530*270mm	640*530*270mm
Weight (kg)	43kg	43kg	43kg

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Model	SUN2000-36KTL-M3	SUN2000-40KTL-M3	SUN2000-50KTL-ZHM3
Maximum PV array open-circuit voltage	1100Vd.c.	1100Vd.c.	1100Vd.c.
Maximum operating PV input current	26A	26A	30A
PV input operating voltage range	200 V~1000 Vd.c.	200 V~1000 Vd.c.	200V~1000Vd.c.
Rated output voltage	220Vac/380Vac,3W/N+PE 230Vac/400Vac,3W/N+PE 254Vac/440Vac,3W+PE 277Vac/480Vac,3W+PE	220Vac/380Vac,3W/N+PE 230Vac/400Vac,3W/N+PE 254Vac/440Vac,3W+PE 277Vac/480Vac,3W+PE	380/400/480Va.c 3W+N+PE
Nominal output frequency	50Hz /60Hz	50Hz /60Hz	50Hz /60Hz
Maximum continuous output current	61.1A/380Vac 58.0A/400Vac 52.8A/440Vac 48.4A/480Vac	67.2A/380Vac 63.8A/400Vac 58.0A/440Vac 53.2A/480Vac	84.0A/380Va.c. 79.8A/400Va.c. 66.5A/480Va.c.
Power factor (Cos φ)	0.8 leading ~ 0.8 lagging	0.8 leading ~ 0.8 lagging	0.8 leading ~ 0.8 lagging
Rated Output Power	36000W	40000W	50000W
Dimensions (W x D x H)	640*530*270mm	640*530*270mm	640*530*270mm
Weight (kg)	43kg	43kg	45kg

The equipment complies with the requirements of standards:

CISPR 11:2015+A1:2016/ EN55011:2016  
CISPR 11:2015+A1:2016+A2:2019/  
EN 55011:2016+A1:2017\*/EN55011:2016+A11:2020  
IEC 62920:2017/ EN 62920:2017  
IEC 61000-6-1:2005/EN 61000-6-1:2007  
IEC 61000-6-1:2016/EN IEC 61000-6-1:2019  
IEC 61000-6-2:2005/EN 61000-6-2:2005  
IEC 61000-6-2:2016/EN IEC 61000-6-2:2019  
IEC 61000-3-11:2000/EN 61000-3-11:2000  
IEC 61000-3-11:2017/EN IEC 61000-3-11:2019  
IEC 61000-3-12:2011/EN 61000-3-12:2011  
ETSI EN 301 489-1 V2.2.3:2019  
ETSI EN 301 489-17 V3.2.4:2020  
IEC 61000-6-3:2006+A1:2010/EN 61000-6-3:2007+A1:2011(Telecom Port)  
IEC 61000-6-4:2006+A1:2010/EN 61000-6-4:2007+A1:2011(Telecom Port)  
IEC 61000-6-4:2018/EN IEC 61000-6-4:2019(Telecom Port)

This AOC applies only to the particular sample of the product provided for testing.

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Approved by:

Dawi Xu

EMC Department

TÜV SÜD Certification and Testing (China) Co., Ltd. Shenzhen Branch