



Dichiarazione di Conformità del Generatore

I seguenti generatori rispettano le prescrizioni della norma CEI 0-16 ed.2022-03						
Sez. A	Costruttore	HUAWEI TECHNOLOGIES Co. LTD., Administration Building, Headquarters, 518129 Bantian, Longgang District, Shenzhen, China				
	Tipo apparecchiatura	Inverter per sistemi fotovoltaici				
	Marca	HUAWEI TECHNOLOGIES Co. LTD				
	Connessione lato utente	<input checked="" type="checkbox"/> Trifase con neutro		<input checked="" type="checkbox"/> Trifase senza neutro		
		Frequenza: 50 Hz		Tensione: 230 Vac / 400 Vac		
	Energia primaria utilizzata	<input checked="" type="checkbox"/> Solare (v. RdP All. N)		<input type="checkbox"/> Accumulo (v. RdP All. Nbis)		
		<input type="checkbox"/> Eolico (v. RdP All. N/Nter)		<input type="checkbox"/> Idroelettrico (v. RdP All. N/Nter)		
		<input type="checkbox"/> CHP (v. RdP All. N/Nter)		<input type="checkbox"/> Altro:		
Modello del generatore	SUN2000-12KTL-M5	SUN2000-15KTL-M5	SUN2000-17KTL-M5	SUN2000-20KTL-M5	SUN2000-25KTL-M5	
Potenza nominale	12 kW	15 kW	17 kW	20 kW	25 kW	
Il generatore:	<input checked="" type="checkbox"/> È idoneo per installazione in impianti con potenza inferiore o uguale a 400 kW <input checked="" type="checkbox"/> È idoneo per installazione in impianti con potenza superiore a 400 kW					
Sez. B	Caratteristiche del convertitore statico					
	Modello del convertitore statico	SUN2000-12KTL-M5	SUN2000-15KTL-M5	SUN2000-17KTL-M5	SUN2000-20KTL-M5	SUN2000-25KTL-M5
	Costruttore del convertitore statico	HUAWEI TECHNOLOGIES Co. LTD				
	Versione firmware	SUN2000MBV200R022C10 e superiore				
Potenza nominale convertitore (P _{NINV})	12 kW	15 kW	17 kW	20 kW	25 kW	

Huawei Technologies Italia S.r.l.

100% owned by Huawei Technologies
Cooperatief U.A.
C.S. €3,000,000 i.v.
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POSIZIONE CONAI cc 12639454
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N. Reg. Pile e Accumulatori
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Altre Sedi Operative

PALERMO Tel: 39. 0916242090



Riferimenti dei laboratori che hanno eseguito le prove e dei relativi rapporti di prova (RdP)		
Metodo prescelto	<input checked="" type="checkbox"/> Prove eseguite da laboratorio accreditato	<input type="checkbox"/> Prove eseguite sotto la sorveglianza di un ente certificatore
Rapporti di prova (RdP)	RdP secondo Allegato N: vedasi certificato No. ESY 114387 0077 Rev.00	
Emessi da	Lab. accreditato: TÜV SÜD Certification and Testing (China) Co., Ltd. Guangzhou Branch	
N. accreditamento	D-PL-19065-01-01	
Rif. Ente accreditamento	DAkKS	
Sez. I	Data, firma	
	Luogo, data	Azienda
	Nome, firma, funzione	

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Certificate of Conformity

No. ESY 114387 0077 Rev. 00

Holder of Certificate: **Huawei Digital Power Technologies Co., Ltd.**
Office 01, 39th Floor, Block A
Antuoshan Headquarters Towers
33 Antuoshan 6th Road, Futian District
518043 Shenzhen
PEOPLE'S REPUBLIC OF CHINA

Product: **Converter
(Solar Inverter)**

Model(s): **SUN2000-12KTL-M5, SUN2000-15KTL-M5,
SUN2000-17KTL-M5, SUN2000-20KTL-M5,
SUN2000-25KTL-M5**

Parameters: See page 2

Applicable standards: CEI 0-16:2022

This Certificate of Conformity confirms the compliance with the above listed standards on a voluntary basis. It refers only to the sample submitted to TÜV SÜD Product Service GmbH and does not certify the quality or safety of the serial products. It was issued according to TÜV SÜD Product Service certification program Photovoltaics and Grid Integration. For details see: www.tuvsud.com/ps-cert

Test report no.: 64290223135001

Date, 2023-02-24



(Billy Qiu)

Certificate of Conformity

No. ESY 114387 0077 Rev. 00

Parameters:

Model:	SUN2000-12KTL-M5	SUN2000-15KTL-M5	SUN2000-17KTL-M5	SUN2000-20KTL-M5	SUN2000-25KTL-M5
PV terminal parameters					
Maximum DC input voltage	1100 Vd.c.				
Rated input voltage	600 Vd.c.				
MPPT Range	200~1000 Vd.c.				
MPPT Range (full load)	370~800 Vd.c.	410~800 Vd.c.	440~800 Vd.c.	480~800 Vd.c.	530~800 Vd.c.
Maximum Input Current	2*30 Ad.c.				
Isc PV	2*40 Ad.c.				
Maximum Input Power	18000 W	22500 W	25500 W	30000 W	37500 W
Grid terminal parameters					
Rated AC voltage	230/400 Va.c., 3W+N+PE				
Rated AC output current	17.3 Aa.c.	21.7 Aa.c.	24.5 Aa.c.	28.9 Aa.c.	36.1 Aa.c.
Maximum AC output current	20.2 Aa.c.	25.2 Aa.c.	28.6 Aa.c.	33.6 Aa.c.	42.0 Aa.c.
Rated output active power	12000 W	15000 W	17000 W	20000 W	25000 W
Maximum continuous output apparent power	13200 VA	16500 VA	18700 VA	22000 VA	27500 VA
Rated AC frequency	50 Hz				
Power factor	0.8 inductive...0.8 capacitive				

Certificate of Conformity

No. ESY 114387 0077 Rev. 00

The following generators meet the requirements of CEI 0-16:2022						
Section A	Manufacturer	Huawei Digital Power Technologies Co.,Ltd. Office 01, 39th Floor, Block A Antuoshan Headquarters Towers 33 Antuoshan 6th Road, Futian District 518043 Shenzhen PEOPLE'S REPUBLIC OF CHINA				
	Equipment type	Solar Inverter				
	Brand	Huawei				
	User side connection	<input type="checkbox"/> Single phase <input checked="" type="checkbox"/> Three phase Frequency: 50Hz Voltage: 230/400 Va.c				
	Primary energy used	<input checked="" type="checkbox"/> Solar <input type="checkbox"/> Storage <input type="checkbox"/> Wind <input type="checkbox"/> Hydroelectric <input type="checkbox"/> CHP <input type="checkbox"/> Other:				
	Generator model	SUN2000-12KTL-M5	SUN2000-15KTL-M5	SUN2000-17KTL-M5	SUN2000-20KTL-M5	SUN2000-25KTL-M5
	Rated active power output to Grid	12000 W	15000 W	17000 W	20000 W	25000 W
	Maximum apparent power output to Grid	13200 VA	16500 VA	18700 VA	22000 VA	27500 VA
	The generator:	<input checked="" type="checkbox"/> suitable for installation in plants with a power output of less than or equal to 400 kW <input checked="" type="checkbox"/> suitable for installation in plants with a power exceeding 400 kW				

Certificate of Conformity

No. ESY 114387 0077 Rev. 00

Section B	Static converter characteristics					
	Manufacturer of inverter	Huawei Digital Power Technologies Co.,Ltd. Office 01, 39th Floor, Block A Antuoshan Headquarters Towers 33 Antuoshan 6th Road, Futian District 518043 Shenzhen PEOPLE'S REPUBLIC OF CHINA				
	Firmware version	V200R022				
	Model of inverter	SUN2000-12KTL-M5	SUN2000-15KTL-M5	SUN2000-17KTL-M5	SUN2000-20KTL-M5	SUN2000-25KTL-M5
	Rated power of inverter (PNINV)	12000 W	15000 W	17000 W	20000 W	25000 W

Certificate of Conformity

No. ESY 114387 0077 Rev. 00

Section H	References of the laboratories that performed the tests and their test reports (RdP)	
	Selected method	<input checked="" type="checkbox"/> Tests performed by an accredited laboratory
	Test Reports (RdP)	Test report according to Annex N: 64.290.22.31350.01
	Issued by	Testing lab: TÜV SÜD Certification and Testing (China) Co., Ltd. Guangzhou Branch
	Accreditation No.	D-PL-19065-01-01
	Accreditation body ref.	DAkkS
Section L	Reference of the certification body	
	Certification Body	TÜV SÜD Product Service GmbH DAkkS accreditation certificate D-ZE-11321-01-00 according to DIN EN ISO/IEC 17065:2013