

Certificate of Conformity

No. ESY 114387 0072 Rev. 00


Holder of Certificate: **Huawei Digital Power Technologies Co., Ltd.**
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PEOPLE'S REPUBLIC OF CHINA

Product: **Converter
(Solar Inverter)**

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.: 64290223134801

Date, 2023-02-13



(Billy Qiu)

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

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 output active power $P_{E_{max}}$	13200 W	16500 W	18700 W	22000 W	27500 W
Maximum continuous output apparent power $S_{E_{max}}$	13200 VA	16500 VA	18700 VA	22000 VA	27500 VA
Rated AC frequency	50 Hz				
Power factor	0.8 over-excited to 0.8 under-excited				

Applicable standards:

TOR Erzeuger Typ A Version 1.2:2022
 OVE-Richtlinie R 25:2020