



**BUREAU  
VERITAS**

# TEST REPORT

## TOR Erzeuger Typ A



Test Technical and organisational rules for operators and users of networks

TOR producers: connection and parallel operation of type A power generation sites and micro-generation plants  
(maximum capacity of 250 kW and rated voltage of 110 kV)

<b>Report reference number</b> ..... :	PVAT200511N092
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<b>Testing laboratory name</b> .....	<b>Bureau Veritas Shenzhen Co., Ltd. Dongguan Branch</b>
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Accreditation .....	 Certificate # 2951.01
<b>Applicant's name</b> .....	<b>Huawei Technologies Co., Ltd.</b>
Address..... :	Administration Building, Headquarters of Huawei Technologies Co., Ltd., Bantian, Longgang District, Shenzhen, 518129, P.R.C
<b>Test specification</b>	
Standard .....	TOR Erzeuger Typ A Version 1.1 (tested according to OVE-Richtlinie R 25:2020-03)
Test Report Form No..... :	TOR Erzeuger Typ A VER.0
TRF Originator .....	Bureau Veritas Shenzhen Co., Ltd. Dongguan Branch
Master TRF..... :	Dated 2020-05-12
<b>Test item description</b> ..... :	<b>SOLAR INVERTER</b>
Trademark .....	 <b>HUAWEI</b>
<small>This report is governed by, and incorporates by reference, CPS Conditions of Service as posted at the date of issuance of this report at <a href="http://www.bureauveritas.com/home/about-us/our-business/cps/about-us/terms-conditions">http://www.bureauveritas.com/home/about-us/our-business/cps/about-us/terms-conditions</a> and is intended for your exclusive use. Any copying or replication of this report to or for any other person or entity, or use of our name or trademark, is permitted only with our prior written permission. This report sets forth our findings solely with respect to the test samples identified herein. The results set forth in this report are not indicative or representative of the quality or characteristics of the lot from which a test sample was taken or any similar or identical product unless specifically and expressly noted. Our report includes all of the tests requested by you and the results thereof based upon the information that you provided to us. Measurement uncertainty is only provided upon request for accredited tests. You have 60 days from date of issuance of this report to notify us of any material error or omission caused by our negligence or if you require measurement uncertainty; provided, however, that such notice shall be in writing and shall specifically address the issue you wish to raise. A failure to raise such issue within the prescribed time shall constitute your unqualified acceptance of the completeness of this report, the tests conducted and the correctness of the report contents.</small>	

Model / Type..... :	SUN2000-15KTL-M3, SUN2000-17KTL-M3, SUN2000-20KTL-M3, SUN2000-30KTL-M3, SUN2000-36KTL-M3, SUN2000-40KTL-M3.		
<b>Ratings .....</b>	<b>SUN2000-15KTL-M3</b>	<b>SUN2000-17KTL-M3</b>	<b>SUN2000-20KTL-M3</b>
Input DC voltage range [V]..... :	200-1100		
MPP DC voltage range [V]..... :	200-1000		
Input DC current [A] .....	Max. 26A*4		
Output AC voltage [V] .....	230/400 Vac, 3W+N+PE; 50Hz		
Output AC current [A]..... :	25,2 A	28,5 A	33,5 A
Nominal Output power [kW] .....	15,0	17,0	20,0
Maximum Output power [kVA] .....	16,5	18,7	22,0

<b>Ratings .....</b>	<b>SUN2000-30KTL-M3</b>	<b>SUN2000-36KTL-M3</b>	<b>SUN2000-40KTL-M3</b>
Input DC voltage range [V]..... :	200-1100		
MPP DC voltage range [V]..... :	200-1000		
Input DC current [A] .....	Max. 26A*4		
Output AC voltage [V] .....	230/400 Vac, 3W+N+PE; 50Hz		
Output AC current [A]..... :	47,9A	58,0A	63,8A
Nominal Output power [kW] .....	30	36	40
Maximum Output power [kVA] .....	30	40	44

<b>Testing Location .....</b>	<b>Huawei Technologies Co., Ltd.</b>
<b>Address.....</b>	Administration Building, Headquarters of Huawei Technologies Co., Ltd., Bantian, Longgang District, Shenzhen, 518129, P.R.C
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<b>Approved by (name and signature).....</b>	James Huang 
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<b>Factory's name 1 .....</b>	<b>Huawei Machine Co., Ltd.</b>
<b>Factory address .....</b>	No. 2 New City Avenue, Song Shan Hu Science & Technology Industrial Park, Dongguan, Guangdong, 523808, China
<b>Factory's name 2 .....</b>	<b>DongGuan Fuyi Precision Industry Co., Ltd.</b>
<b>Factory address .....</b>	Floor 1st-4th, Building 12, Weifeng Industrial City, No.6, Songshui Road, Songmu Village, Dalang Town, Dongguan, Guangdong 523770, China
<b>Factory's name 3 .....</b>	<b>Dongguan Yang Tian Electron Technology Co.,Ltd.</b>
<b>Factory address .....</b>	No. 152, LUYUAN RD. SCIENCE CITY, TANGXIA TOWN, DONGGUAN CITY, GUANGDONG PROVINCE,P.R.CHINA
<b>Factory's name 4 .....</b>	<b>Shenzhen Fugui Precision Industry Co., Ltd.</b>
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<b>Document History</b>			
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2020-10-15	Lukes Lin	Initial report was written	0
Supplementary information:			