




TEST REPORT

**Philippine Grid Code Amendment 1, Resolution No. 07, Series 2013
TÜV SÜD Test report for resolution No.07, series of 2013, addendum to amendment
No. 1 of the Philippine grid code - Connection and operational requirements for
variable renewable energy (VRE) generating facilities**

Report reference No. :	70.409.18.051.26-00
Date of issue..... :	2018-06-30
Project handler..... :	Kai Zhao
TUV SUD Branch..... :	TÜV SÜD Certification and Testing (China) Co., Ltd. Shanghai Branch
Address	3-13, No.151 Heng Tong Road, 200070, Shanghai, P.R. China
Testing location	Nanjing CQC - Trusted Testing Technology Co., Ltd.(CNAS L5922) No.99,Wenlan Road, Xianlin University Zone, Xianlin Street, Qixia District, NanJing, China
Client..... :	Huawei Technologies Co., Ltd
Client number..... :	41829
Address	Administration Building Headquarters of Huawei Technologies Co., Ltd., Bantian, Longgang District, 518129 Shenzhen, PEOPLE'S REPUBLIC OF CHINA
Contact person..... :	Mr. Zhiwei Yang
Standard..... :	This TÜV SUD test report form is based on the following requirements: Philippine Grid Code Amendment 1, Resolution No. 07, Series 2013
TRF originated by..... :	TÜV SÜD Certification and Testing (China) Co., Ltd. Shanghai Branch, Dipl.-Ing. Alexander Krenz
Copyright blank test report..... :	This test report is based on the content of the standard (see above). The test report considered selected clauses of the a.m. standard(s) and experience gained with product testing. It was prepared by TÜV SUD Product Service GmbH. TÜV SUD Group takes no responsibility for and will not assume liability for damages resulting from the reader's interpretation of the reproduced material due to its placement and context.
Scheme	<input type="checkbox"/> GS <input type="checkbox"/> TÜV Mark <input type="checkbox"/> EU-Directive <input checked="" type="checkbox"/> without certification
Non-standard test method..... :	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes, see details under Summary
National deviations	N/A
Number of pages (Report)	128
Number of pages (Attachments)	N/A
Compiled by ... : (+ signature)	<i>Kai Zhao</i> <i>Kai Zhao</i>
Approved by ... : (+ signature)	<i>Pengdong Yang</i> <i>Pengdong Yang</i>



Test sample.....	Engineering prototype	
Type of test object	SOLAR INVERTER	
Trademark	 HUAWEI	
Model and/or type reference	SUN2000-60KTL-M0, SUN2000-65KTL-M0	
Rating(s).....	See rating label on page 5	
Manufacturer	Huawei Technologies Co., Ltd	
Manufacturer number.....	41829	
Address	Administration Building Headquarters of Huawei Technologies Co., Ltd., Bantian, Longgang District, 518129 Shenzhen, PEOPLE'S REPUBLIC OF CHINA	
Sub-contractors/ tests (clause).....	Nanjing CQC - Trusted Testing Technology Co., Ltd.	
Name.....	All clauses(detail see summary of testing)	
Order description.....	<input checked="" type="checkbox"/>	Complete test according to TRF
	<input type="checkbox"/>	Partial test according to manufacturer's specifications
	<input type="checkbox"/>	Preliminary test
	<input type="checkbox"/>	Spot check
	<input type="checkbox"/>	
Date of order.....	2018-02-12	
Date of receipt of test item.....	2018-05-20	
Date(s) of performance of test	2018-05-20 – 2018-06-15	
Test item particulars:	All the tests results confirmed to the requirements of the standard.	
Attachments:	N/A	
General remarks:	"(see remark #)" refers to a remark appended to the report. "(see appended table)" refers to a table appended to the report. Throughout this report a dot is used as the decimal separator. The test results presented in this report relate only to the object tested. This report shall not be reproduced except in full without the written approval of the testing laboratory.	