# 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**

<table>
<thead>
<tr>
<th>Report reference No.</th>
<th>70.409.18.051.26-00</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date of issue</td>
<td>2018-06-30</td>
</tr>
<tr>
<td>Project handler</td>
<td>Kai Zhao</td>
</tr>
</tbody>
</table>

**TÜV SUD Branch**

TÜV SUD 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, Wenta 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 SUD Certification and Testing (China) Co., Ltd.
Shanghai Branch, Dipl.-Ing. Alexander Krenz

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**Scheme**

☐ GS  ☐ TÜV Mark  ☐ EU-Directive  ☐ without certification

**Non-standard test method**

☐ No  ☐ Yes, see details under Summary

**National deviations**

N/A

**Number of pages (Report)**

128

**Number of pages (Attachments)**

N/A

**Compiled by**

Kai Zhao

**Approved by**

Pengdong Yang

(+ signature) [Signature]

(+ signature) [Signature]
### Test Sample
Test sample: Engineering prototype

### Type of Test Object
Type of test object: SOLAR INVERTER

### Trademark
Trademark: Huawei Technologies Co., Ltd.

### Model and/or Type Reference
Model and/or type reference: SUN2000-60KTL-M0, SUN2000-65KTL-M0

### Rating(s)
Rating(s): See rating label on page 5

### Manufacturer
Manufacturer: Huawei Technologies Co., Ltd
Manufacturer number: 41829

### Address
Address: Administration Building Headquarters of Huawei Technologies Co., Ltd., Bantian, Longgang District, 518129 Shenzhen, PEOPLE'S REPUBLIC OF CHINA

### Sub-contractors/Tests (Clause)
Sub-contractors/Tests (clause): Nanjing CQC - Trusted Testing Technology Co., Ltd.

### Name
Name: All clauses (detail see summary of testing)

### Order Description
Order description:
- Complete test according to TRF
- Partial test according to manufacturer's specifications
- Preliminary test
- Spot check

### Date of Order
Date of order: 2018-02-12

### Date of Receipt of Test Item
Date of receipt of test item: 2018-05-20

### Date(s) of Performance of Test
Date(s) of performance of test: 2018-05-20 – 2018-06-15

### Test Item Particulars
Test item particulars:
All the test results confirmed to the requirements of the standard.

### Attachments
Attachments: N/A

### General Remarks
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.
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