

**TEST REPORT  
IEC 62368-1**

**Audio/video, information and communication technology equipment**

<b>Report Number</b> .....: SAF2020026RP	
Tested by (name + signature) :.....: Tao Liu	<i>Tao Liu</i>
Approved by (name + signature) :...: Dong Wei	<u><i>Dong Wei</i></u>
Date of issue .....: Apr. 28, 2020	
<b>Applicant's name</b> .....: MEAN WELL ENTERPRISES CO., LTD.	
Address .....: No. 28, Wuquan 3rd Road, Wugu District, New Taipei City, Taiwan 24891	
<b>Test specification:</b>	
Standard.....: EN 62368-1:2014	
Test procedure.....: CE-LVD	
Non-standard test method .....: N/A	
Test Report Form No. ....: IEC62368_1B	
Test Report Form(s) Originator.....: UL(US)	
Master TRF .....: 2014-03	
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Test Item description .....:	DC-DC Converter
Trade Mark .....:	
Manufacturer.....:	MEAN WELL ENTERPRISES CO., LTD.

Model/Type reference .....	SKMW06F-03, SKMW06F-05, SKMW06F-09, SKMW06F-12, SKMW06F-15,SKMW06F-24 , SKMW06G-03, SKMW06G-05, SKMW06G-12, SKMW06G-15, SKMW06G-24,
Ratings .....	Input rating: see table B on pages 8 for details Output: see table B on pages 8 for details.

**List of Attachments (including a total number of pages in each attachment):**

- EN 62368-1 test report (63 pages).

**Summary of testing:**

**Tests performed (name of test and test clause):**

All applicable tests as described in Test Case and Measurement Sections were performed.

- Maximum ambient temperature:  
71°C with 100% load and 85°C with 60% load

Following tests performed during evaluation.

5.2	Electrical energy source classifications
5.4.1.4, 6.3.2, 9.0. B.2.6	Maximum operating temperatures for materials, components and systems
5.4.9	Electric strength test
6.2.2	Electrical power sources (PS) measurements for classification
B.2.5	Input tests
B.3	Simulated Abnormal operating condition tests
B.4	Simulated single fault conditions
G.5.3.2	Transformer insulation
G.5.3.3	Transformer overload
Q.1.2	Limited power sources

If not otherwise specified, tests were performed on models

SKMW06G-03, SKMW06G-24.

to represent other similar models.

The EUTs passed all the tests.

**Testing location:**

Mornsun Guangzhou Science & Technology Co., Ltd.

No.8, Nanyun Road 4, Guangzhou Science Park, Guangzhou, 510663, P.R.China.

**Summary of compliance with National Differences:**

EU Group Differences, EU Special National Conditions or National Differences see attachment 1 of this test report.

The product fulfils the requirements of EN 62368-1:2014.

**Copy of marking plate(s):**