



## Declaration of Conformity

For the following equipment :

Product Name: Switching Power Supply

Model Designation: LPS-100-X (X=3.3,5,7.5,12,13.5,15,24,27,48)

is herewith confirmed to comply with the requirements set out in the Council Directive, the following standards were applied :

**RoHS Directive (2011/65/EU), (EU)2015/863**

**Low Voltage Directive (2014/35/EU) :**

EN62368-1:2014+A11

TUV certificate No : R50454905

**Electromagnetic Compatibility Directive (2014/30/EU) :**

**EMI (Electro-Magnetic Interference)**

Conducted emission / Radiated emission

EN55032:2015

Class B

Harmonic current

EN61000-3-2:2014

Voltage flicker

EN61000-3-3:2013

**EMS (Electro-Magnetic Susceptibility)**

EN55024:2010+A1:2015

ESD air

EN61000-4-2:2009

Level 3

8KV

ESD contact

EN61000-4-2:2009

Level 2

4KV

RF field susceptibility

EN61000-4-3:2006+A1:2008+A2:2010

Level 2

3V/m

EFT bursts

EN61000-4-4:2012

Level 2

1KV/5KHz

Surge susceptibility

EN61000-4-5:2014

Level 3

1KV/Line-Line

Surge susceptibility

EN61000-4-5:2014

Level 3

2KV/Line-Earth

Conducted susceptibility

EN61000-4-6:2014

Level 2

3V

Magnetic field immunity

EN61000-4-8:2010

Level 2

3A/m

Voltage dip, interruption EN61000-4-11:2004 >95% dip 0.5 periods 30% dip 25 periods >95% interruptions 250 periods

**Note:**

A component power supply with load will be installed into final equipment which consists of an electronically shielded metal enclosure. Since EMC performance will be affected by the complete installation, the final equipment manufacturers must re-qualify EMC Directive on the complete installation again.

The EMC tests mentioned above are performed using a well defined metal plate to simulate said metal enclosure.

For guidance on how to perform these EMC tests, please refer to "EMI testing of component power supplies".(as available on <http://www.meanwell.com>)".

This Declaration is effective from serial number EB9xxxxxx

Person responsible for marking this declaration :

MEAN WELL Enterprises Co., Ltd.


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Johnny Huang/Manager, Certification Center :

(Name / Position)

  
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Alex Tsai/Director, Marketing Department :

(Name / Position)

  
(Signature)

Taiwan

(Place)

Dec. 17th, 2019

(Date)