



EC declaration of conformity

For the following equipment :

Product Name: Switching Power Supplies

Model Designation: LRS-100-x (x=3,3,5,12,15,24,36,48)

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

RoHS Directive (2011/65/EU) Low Voltage Directive (2006/95/EC) :

EN61558-1:2005+A1:2009/EN61558-2-16:2009+A1

TUV certificate No : R50307315

EN60950-1:2006+A11+A1+A12+A2

TUV certificate No : R50307314

EN60335-1:2012+A11/EN62233:2008

TUV certificate No : R50309622

Electromagnetic Compatibility Directive (2004/108/EC) :

EMI (Electro-Magnetic Interference)

Conducted emission / Radiated emission

EN55022:2010

Class B

EN55011:2009+A1:2010 (Group 1)

Class B

EN61000-6-3:2007+A1:2011

EN55014-1:2006+A1:2009+A2:2011

Harmonic current EN61000-3-2:2006+A1:2009+A2:2009

Voltage flicker EN61000-3-3: 2013

EMS (Electro-Magnetic Susceptibility)

EN55024:2010 EN61000-6-2:2005 EN61204-3:2000 EN55014-2:1997+A1:2001+A2:2008

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 3 10V/m

EFT bursts EN61000-4-4:2012 Level 3 2KV/5KHz

Surge susceptibility EN61000-4-5:2006 Level 3 2KV/Line-Line

Surge susceptibility EN61000-4-5:2006 Level 4 4KV/Line-Earth

Conducted susceptibility EN61000-4-6:2014 Level 3 10V

Magnetic field immunity EN61000-4-8:2010 Level 4 30A/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>)" and TDF (Technical Documentation File).

This Declaration is effective from serial number EB5xxxxxx

Person responsible for marking this declaration :

Mean Well Enterprises Co., Ltd.

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Johnny Huang/Senior Verification Engineer :

(Name / Position)

(Signature)

Ted Cheng/Product Manager :

(Name / Position)

(Signature)

Taiwan

(Place)

May 4th, 2015

(Date)