



## EC-Conformity Declaration

For the following equipment :

Product Name: Switching Power Supplies

Model Designation: SP-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)**

**Low Voltage Directive (2006/95/EC) :**

EN60950-1:2006+A11+A1+A12 TUV certificate No : R09955834

**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

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

Voltage flicker EN61000-3-3: 2008

**EMS (Electro-Magnetic Susceptibility)**

EN55024:2010 EN61204-3:2000 EN61000-6-1:2007

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 EN61000-4-4:2004+A1:2010 Level 2 1KV/5KHz

Surge susceptibility EN61000-4-5:2006 Level 3 1KV/Line-Line 2KV/Line-Earth

Conducted susceptibility EN61000-4-6:2009 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 EB2 xxxxxx

Person responsible for marking this declaration :

Mean Well Enterprises Co., Ltd.

(Manufacturer Name)

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(Manufacturer Address)

Johnny Huang/Senior Verification Engineer :

(Name / Position)

(Signature)

Ted Cheng/Product Manager :

(Name / Position)

(Signature)

Taiwan

(Place)

Sep. 19, 2012

(Date)