



## EC-Conformity Declaration

For the following equipment :

Product Name: Switching Power Supplies

Model Designation: HLG-240x-yz (x=H or blank ; y=12,15,20,24,30,36,42,48 or 54 ; z=A,B,C or Blank)

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) :

EN61347-1:2008 / EN61347-2-13:2006 TUV certificate No : R50171751 (for y=A,B,Blank type)

TUV certificate No : R50171244 (for y=C type)

EN60950-1:2006+A11

TUV certificate No : R50172353

### Electromagnetic Compatibility Directive (2004/108/EC) :

#### EMI (Electro-Magnetic Interference)

Conducted emission / Radiated emission

EN55015:2006+A1:2007+A2:2009

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

class C ( $\geq 50\%$  load)

Voltage flicker EN61000-3-3: 2008

#### EMS (Electro-Magnetic Susceptibility)

EN61547:2009 EN55024:2010 EN61204-3:2000 EN61000-6-2:2005

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 10V/m

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

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

Conducted susceptibility EN61000-4-6:2009 Level 2 10V

Magnetic field immunity EN61000-4-8:2010 Level 2 30A/m

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

#### Note:

The power supply is considered as a component that will be operated in combination with final equipment. Since EMC performance will be affected by the complete installation, the final equipment manufacturers must re-qualify EMC Directive on the complete installation again.

Tests above are only to be performed with intended loads, i.e. either with LEDs or resistive load.

For guidance on how to perform these EMC tests, please refer to TDF (Technical Documentation File).

This Declaration is effective from serial number RB2xxxxxxx

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)

Aug. 16, 2012

(Date)