



EC declaration of conformity

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)

Energy-Related Products Directive (2009/125/EC)

Implementing measure COMMISSION REGULATION(EC) No 1194/2012

Low Voltage Directive (2006/95/EC) :

EN61347-1:2008+A1+A2/ 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+A1+A12

TUV certificate No : R50172353 (for y=A,B,Blank type)

Electromagnetic Compatibility Directive (2004/108/EC) :

EMI (Electro-Magnetic Interference)

Conducted emission / Radiated emission

EN55015:2006+A1:2007+A2:2009

EN55022:2010

EN55011:2009+A1:2010

EN61000-6-3:2007+A1:2011

Class B

Class B

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 3

10V/m

EFT bursts

EN61000-4-4: 2004+A1:2010

Level 3

2KV/5KHz

Surge susceptibility

EN61000-4-5:2006

Level 4

2KV/Line-Line 4KV/Line-Earth

Conducted

susceptibility

EN61000-4-6:2009

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:

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).

To fulfill requirements of the latest ErP regulation for lighting fixtures, this LED power supply can only be used behind a switch without permanently connected to the mains.

This Declaration is effective from serial number RB4xxxxxxx

Person responsible for marking this declaration :

Mean Well Enterprises Co., Ltd.

(Manufacturer Name)

No.28, Wuquan 3rd Rd., Wugu Dist., New Taipei City 248, Taiwan (R.O.C.)

(Manufacturer Address)

Johnny Huang/Senior Verification Engineer :

(Name / Position)


(Signature)

Ted Cheng/Product Manager :

(Name / Position)


(Signature)

Taiwan

(Place)

Jul. 3th, 2014

(Date)