



EC-Conformity Declaration

For the following equipment :

Product Name: Switching Power Supplies

Model Designation: HLG-WX-YZ

(W=100,120,150 or 185; X=H or blank; Y=12,15,20,24,30,36,42,48,54; Z=A,B 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 : R50185176

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 (Group 1)

EN61000-6-3:2007+A1:2011

Class B

Class B

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

class C(≥ 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 RB2xxxxxx

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)

Johnny Huang
(Signature)

Ted Cheng/Product Manager :

(Name / Position)

Ted Cheng
(Signature)

Taiwan

(Place)

Aug.16, 2012

(Date)