



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 / 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

Electromagnetic Compatibility Directive (2004/108/EC) :

EMI (Electro-Magnetic Interference)

Conducted emission / Radiated emission	EN55015:2006+A1:2007+A2:2009	Class B
	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 (≥ 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 RB2xxxxxxx

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)
(Signature)

Ted Cheng/Product Manager :

(Name / Position)

(Signature)
(Signature)

Taiwan

(Place)

Nov. 19th, 2012

(Date)