



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 | Class B |
| | EN55011:2009+A1:2010 | Class B |
| | EN61000-6-3:2007+A1:2011 | |
| Harmonic current | EN61000-3-2:2014 | Class C (≥ 50% load) |
| Voltage flicker | EN61000-3-3:2013 | |

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: 2012 | Level 3 | 2KV/5KHz | |
| Surge susceptibility | EN61000-4-5:2006 | Level 4 | 2KV/Line-Line 4KV/Line-Earth | |
| Conducted susceptibility | EN61000-4-6:2014 | 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 RB5xxxxxxx

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

(Manufacturer Address)

Johnny Huang/Senior Verification Engineer :

(Name / Position)

(Signature)
(Signature)

Ted Cheng/Product Manager :

(Name / Position)

(Signature)
(Signature)

Taiwan

(Place)

Sep. 10th, 2015

(Date)