



## Declaration of conformity

For the following equipment :

Product Name: Switching Power Supplies

Model Designation: ELG-100-xy (x=C1050, C1400, 24, 36, 42, 48, 54; y=blank, A, B, AB, D, D2, DA, ADA, AD2)

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 (2014/35/EU) :**

EN 61347-1:2008+A1:2011+A2:2013 EN61347-2-13:2014

EN 62384:2006+A1:2009

ENEC certificate No:2195617.01

**Electromagnetic Compatibility Directive (2014/30/EU) :**

**EMI (Electro-Magnetic Interference)**

Conducted emission / Radiated emission

EN55015:2013

Harmonic current EN61000-3-2: 2014

Class C ( $\geq 60\%$  load)

Voltage flicker EN61000-3-3: 2013

**EMS (Electro-Magnetic Susceptibility)**

EN61547:2009

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 3V/m

EFT bursts EN61000-4-4:2012 Level 2 1KV/5KHz

Surge susceptibility EN61000-4-5:2014 Level X Line-Line 4KV

Surge susceptibility EN61000-4-5:2014 Level X Line-Earth 6KV

Conducted susceptibility EN61000-4-6:2014 Level 2 3V

Magnetic field immunity EN61000-4-8:2010 Level 2 3A/m

Voltage dip, interruption EN61000-4-11:2004 30% dip 10 periods 100% interruptions 0.5 periods

**Note:**

Component power supply will be operated with a 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 LEDs.

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

This Declaration is effective from serial number HB6xxxxxx

Person responsible for marking this declaration :

MEAN WELL (Guangzhou) Electronics Co., Ltd.

(Manufacturer Name)

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(Manufacturer Address)

Howay\_Lin/ Engineering Manager :

(Name / Position)

*Howay Lin*  
(Signature)

Frank\_Peng/ RD Manager :

(Name / Position)

*Frank Peng*  
(Signature)

GuangZhou

(Place)

Nov. 3, 2016

(Date)