



### EC declaration of conformity

For the following equipment :

Product Name: Switching Power Supplies

Model Designation: HBG-60-xy (x=1050, 1400, 2100, y=blank or P)

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) :**

EN 61347-1:2008+A1:2009+A2:2013 EN61347-2-13:2006 ENEC certificate No:2175773.01 (for blank type)  
EN 62384:2006+A1:2009 ENEC certificate No:2175773.02 (for P type)

**Electromagnetic Compatibility Directive (2004/108/EC) :**

**EMI (Electro-Magnetic Interference)**

Conducted emission / Radiated emission  
EN55015:2013

Harmonic current EN61000-3-2:2006+A1:2009+A2:2009 Class C( $\geq 65\%$  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	EN61000-4-5:2006	Level 3	2KV/Line-Line
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 HB5xxxxxxx

Person responsible for marking this declaration :

Mean Well (Guangzhou) Electronics Co., Ltd.

(Manufacturer Name)

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(Manufacturer Address)

Howay\_Lin/ Engineering Manager : *howay lin*

(Name / Position)

(Signature)

Frank\_Peng/ RD Manager : *Frank Peng*

(Name / Position)

(Signature)

GuangZhou

(Place)

JAN 26, 2015

(Date)