



### EC-Conformity Declaration

For the following equipment :

Product Name: Switching Power Supplies

Model Designation: HBG-100-xy (x=24,36,48 or 60, y=Blank,A,B,E)

is herewith confirmed to comply with the requirements set out in the Council Directive, the following standards were applied :

**RoHS Directive (2011/65/EC)**

**Low Voltage Directive (2006/95/EC) :**

EN61347-1:2008+A1:2011/EN61347-2-13:2006,EN 62384:2006+A1:2009 ENEC certificate No.: NO3370

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

**EMI (Electro-Magnetic Interference)**

Conducted emission / Radiated emission

EN55015:2006+A1:2007+A2:2009

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

ESD air IEC 61000-4-2:2008 Level 3 8KV

ESD contact IEC 61000-4-2:2008 Level 2 4KV

RF field susceptibility IEC 61000-4-3:2006+A1:2007+A2:2010 Level 2 3V/m

EFT bursts IEC 61000-4-4:2012 Level 2 1KV/5KHz

Surge susceptibility IEC 61000-4-5:2005 Level 4 2KV/Line-Line 4KV/Line-earth

Conducted susceptibility IEC 61000-4-6:2008 Level 2 3V

Magnetic field immunity IEC 61000-4-8:2009 Level 2 3A/m

Voltage dip, interruption IEC 61000-4-11: 2004 30% dip 10periods 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 LED load.

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

This Declaration is effective from serial number HB3xxxxxx

Person responsible for marking this declaration :

Mean Well ( Guangzhou ) Electronics Co., Ltd.

(Manufacturer Name)

2<sup>nd</sup> Floor, NO.A Building, Yuean Industrial Park, Huangcun, Dongpu Town, Tianhe District, Guangzhou City, China

(Manufacturer Address)

Howay\_Lin/ Engineering Manager :

(Name / Position)

(Signature)

Frank\_Peng/RD Manager :

(Name / Position)

(Signature)

GuangZhou

(Place)

Dec. 10. 2013

(Date)