



EC declaration of conformity

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)

Energy-Related Products Directive (2009/125/EC)
Implementing measure COMMISSION REGULATION(EC) No 1194/2012

Low Voltage Directive (2006/95/EC) :

EN61347-1:2008+A1:2011/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).

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 HB4xxxxxxx

Person responsible for marking this declaration :

Mean Well (Guangzhou) Electronics Co., Ltd.

(Manufacturer Name)

2/F, A Building, Yuean Ind. Park, Huangcun, Dongpu Town, Tianhe District, Guangzhou, China

(Manufacturer Address)

Howay_Lin/ Engineering Manager :

(Name / Position)

Howay Lin
(Signature)

Frank_Peng/RD Manager :

(Name / Position)

Frank Peng
(Signature)

GuangZhou

(Place)

July. 1st. 2014

(Date)