



## Declaration of conformity

For the following equipment :

Product Name: LED Driver

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

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

**RoHS Directive (2011/65/EU) 、(EU)2015/863**

**Energy-Related Products Directive (2009/125/EC)  
Implementing measure COMMISSION REGULATION(EC) No 2019/2020**

**Low Voltage Directive (2014/35/EU) :**

EN 61347-1:2015 / EN 61347-2-13:2014/A1:2017

ENEC certificate No: 35-106092

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

**EMI (Electro-Magnetic Interference)**

Conducted emission / Radiated emission

EN IEC 55015:2019+A11:2020

Harmonic current

EN IEC 61000-3-2:2019

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

Voltage flicker

EN 61000-3-3:2013+A1:2019

**EMS (Electro-Magnetic Susceptibility)**

EN 61547:2009

ESD air

EN 61000-4-2:2009

Level 3 8KV

ESD contact

EN 61000-4-2:2009

Level 2 4KV

RF field susceptibility

EN IEC 61000-4-3:2020

Level 2 3V/m

EFT bursts

EN 61000-4-4:2012

Level 2 1KV/5KHz

Surge susceptibility

EN 61000-4-5:2014+A1:2017

Level 4 2KV/Line-Line

Surge susceptibility

EN 61000-4-5:2014+A1:2017

Level 4 4KV/Line-Earth

Conducted susceptibility

EN 61000-4-6:2014

Level 2 3V

Magnetic field immunity

EN 61000-4-8:2010

Level 2 3A/m

Voltage dip, interruption

EN IEC 61000-4-11:2020  
0.5 periods

70% residual voltage for 10 periods , 0% residual voltage for

**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).

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 GC1xxxxxxx

Person responsible for marking this declaration :

MEAN WELL Enterprises Co., Ltd.

(Manufacturer Name)

No.28, Wuguang 3rd Rd., Wugu Dist., New Taipei City 24891, Taiwan

(Manufacturer Address)

Aries Jian/Director, Group R & D :

(Name / Position)

*Aries*  
(Signature)

Alex Tsai/ Director, Product Strategy Center :

(Name / Position)

*[Signature]*  
(Signature)

Taiwan

(Place)

Sep. 24th, 2021

(Date)