



Declaration of Conformity

For the following equipment :

Product Name: Switching Power Supply

Model Designation: CLG-150-xy (x=12,15,20,24,30,36,48) (y=A,B,C,Blank)

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) :

EN61347-1:2015 EN61347-2-13:2014/A1:2017 EN60950-1:2006+A11+A1+A12+A2

Electromagnetic Compatibility Directive (2014/30/EU) :

EMI (Electro-Magnetic Interference)

Conducted emission / Radiated emission

EN55015:2013

EN55032:2015

Class B

Harmonic current EN61000-3-2:2014

class C(\geq 75% load)

Voltage flicker EN61000-3-3:2013

EMS (Electro-Magnetic Susceptibility)

EN61547:2009 EN55024:2010+A1:2015

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 4 2KV/Line-Line

Surge susceptibility EN61000-4-5:2014

Level 4 4KV/Line-Earth

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 >95% dip 0.5 periods 30% dip 25 periods >95% interruptions 250 periods

Note:

The power supply is considered as a component that will be operated in combination with 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 intended loads, i.e. either with LEDs or resistive 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 HB7xxxxxx

Person responsible for marking this declaration :

MEAN WELL Enterprises Co., Ltd.

(Manufacturer Name)

No.28, Wuquan 3rd Rd., Wugu Dist., New Taipei City 248, Taiwan

(Manufacturer Address)

Johnny Huang/Manager, Certification Center :

(Name / Position)

(Signature)

Alex Tsai/Director, Marketing Department :

(Name / Position)

(Signature)

Taiwan

Oct. 8th, 2017

(Place)

(Date)