



## 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)、(EU)2015/863**

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

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

EN60950-1:2006+A11+A1+A12+A2

TUV certificate No : R50129714

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

**EMI (Electro-Magnetic Interference)**

Conducted emission / Radiated emission

	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)**

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 HB9xxxxxxx

Person responsible for marking this declaration :

MEAN WELL Enterprises Co., Ltd.

(Manufacturer Name)

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

(Manufacturer Address)

Johnny Huang/Manager, Certification Center :

(Name / Position)

(Signature)

Alex Tsai/Director, Marketing Department :

(Name / Position)

(Signature)

Taiwan

(Place)

Jul. 22nd, 2019

(Date)



# Declaration of Conformity

For the following equipment :

Product Name: LED Driver

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)、(EU)2015/863**

**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 TUV certificate No : R50156940 (for y=A,B,Blank type)  
TUV certificate No : R50130975 (for y=C type)

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

**EMI (Electro-Magnetic Interference)**  
Conducted emission / Radiated emission

EN55015:2013+A1:2015

Harmonic current EN61000-3-2:2014 class C( $\geq 75\%$  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 EN61000-4-5:2014 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.

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Taiwan  
(Place)

Jul. 22nd, 2019  
(Date)