Declaration of conformity

For the following equipment：

Product Name: LED Driver

Model Designation: HBG-240-xy (x= 24, 36, 48 or 60; y=blank, A, B, AB, 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: 35-106093

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(≧75% 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 4	15KV
ESD contact	EN 61000-4-2:2009	Level 4	8KV
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, Wuquan 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)

Taiwan
(Place)

Oct. 11th, 2021
(Date)

Declaration of conformity

For the following equipment：

Product Name: LED Driver

Model Designation: HBG-240-xDA (x= 24, 36, 48 or 60)

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)：

EN 61347-1:2015 EN61347-2-13:2014/A1:2017 ENEC certificate No: 35-102818

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(≧75% 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 4	15KV
ESD contact	EN 61000-4-2:2009	Level 4	8KV
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	70% residual voltage for 10 periods , 0% residual voltage for 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 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.

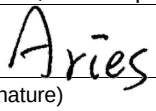
This Declaration is effective from serial number GC1xxxxxxx

Person responsible for marking this declaration：

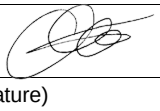
MEAN WELL Enterprises Co., Ltd.
(Manufacturer Name)

No.28, Wuquan 3rd Rd., Wugu Dist., New Taipei City 248, Taiwan
(Manufacturer Address)

Aries Jian/Director, Group R & D：
(Name / Position)


(Signature)

Alex Tsai/ Director, Product Strategy Center：
(Name / Position)


(Signature)

Taiwan
(Place)

Oct. 11th, 2021
(Date)

Version：1