



Declaration of conformity

For the following equipment :

Product Name: LED Driver

Model Designation: PWM-90-12DA2,PWM-90-24DA2,PWM-90-48DA2

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(EU) No 2019/2020**

Low Voltage Directive (2014/35/EU) :

EN 61347-1:2015 EN61347-2-13:2014+A1:2017 ENEC certificate No: 35-116642

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 ($\geq 30\%$ load)

Voltage flicker EN61000-3-3: 2013+A1:2019

EMS (Electro-Magnetic Susceptibility)

EN61547:2009

ESD air EN61000-4-2:2009 Level 4 15KV

ESD contact EN61000-4-2:2009 Level 4 8KV

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+A1:2017 Level 4 2KV/Line-Line

Conducted susceptibility EN61000-4-6:2014 Level 2 3V

Magnetic field immunity EN61000-4-8:2010 Level 2 3A/m

Voltage dip, interruption EN IEC 61000-4-11:2020 30% dip 10 periods 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 LEDs.

For guidance on how to perform these EMC tests, please refer to TDF (Technical Documentation File).

This Declaration is effective from serial number GC1xxxxxx

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)

(Signature)

Alex Tsai/Director, Product Strategy Center :

(Name / Position)

(Signature)

Taiwan

(Place)

Aug. 1st, 2021

(Date)