



UK Declaration of Conformity

For the following equipment :

Product Name: Switching Power Supply

Model Designation: PLN-100-x (x=12, 15, 20, 24, 27, 36, 48) PLC-100-x (x=12, 15, 20, 24, 27, 36, 48)

The designated product(s) is(are) in conformity with the relevant legislation:

The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012: SI 2012 No. 3032

Implementing measure COMMISSION REGULATION(EC) No 2019/2020

The Ecodesign for Energy-Related Products and Energy Information (Amendment) (EU Exit) Regulations 2020

Electrical Equipment (Safety) Regulations 2016 :

BS EN 61347-1:2015

TUV certificate No: R50158358 (for PLN-100)

BS EN 61347-2-13:2014/A1:2017

TUV certificate No: R50113492 (for PLC-100)

Electrical Compatibility Regulations 2016 :

EMI (Electro-Magnetic Interference)

Conducted emission / Radiated emission

BS EN IEC 55015:2019+A11:2020

BS EN 55032:2015+A1:2020

CLASS B

Harmonic current

BS EN IEC 61000-3-2:2019

Voltage flicker

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

EMS (Electro-Magnetic Susceptibility)

BS EN IEC 61547:2023

BS EN 55035:2017+A11:2020

ESD air

BS EN 61000-4-2:2009

Level 3 8KV

ESD contact

BS EN 61000-4-2:2009

Level 2 4KV

RF field susceptibility

BS EN IEC 61000-4-3:2020

Level 2 3V/m

EFT bursts

BS EN 61000-4-4:2012

Level 2 1KV/5KHz

Surge susceptibility

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

Level 4 2KV/Line-Line

Surge susceptibility

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

Level 4 4KV/Line-Earth

Conducted susceptibility

BS EN IEC 61000-4-6:2023

Level 2 3V

Magnetic field immunity

BS EN 61000-4-8:2010

Level 2 3A/m

Voltage dip, interruption

BS EN IEC 61000-4-11:2020
residual voltage for 0.5 periods

70% residual voltage for 10 periods , 0%

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 Regulations 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 GC6xxxxxxx

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)

Eris Wu/ Director, Group R&D :

(Name / Position)

(Signature)

Alex Tsai/ Director, Product Strategy Center :

(Name / Position)

(Signature)

Taiwan

(Place)

Jan. 20th, 2026

(Date)