



## UK Declaration of Conformity

For the following equipment :

Product Name: Switching Power Supply

Model Designation: GP50xyzzzzz (x=A, C; y=13/ 13A/ 13D/ 14/ 14A/ 14E/ 16/ 16-1/ 36; zzz=0~9, A~Z or blank)

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

### Electrical Equipment (Safety) Regulations 2016 :

BS EN 62368-1:2014+A11 TUV certificate No : S 50490130

### Electrical Compatibility Regulations 2016 :

#### EMI (Electro-Magnetic Interference)

Conducted emission / Radiated emission

|                  |                      |         |
|------------------|----------------------|---------|
|                  | BS EN55032: 2012     | Class B |
| Harmonic current | BS EN 61000-3-2:2014 | Class A |
| Voltage flicker  | BS EN61000-3-3:2013  |         |

#### EMS (Electro-Magnetic Susceptibility)

BS EN 55024 : 2010

|                           |                               |  |                    |
|---------------------------|-------------------------------|--|--------------------|
| 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 61000-4-3:2006+A2:2010  | Level 2  | 3V/m               |
| EFT bursts                | BS EN 61000-4-4:2012          | Level 2  | 1KV                |
| Surge susceptibility      | BS EN 61000-4-5:2014+A1:2017  | Level 3  | 1KV/L-N 2KV/L,N-PE |
| Conducted susceptibility  | BS EN 61000-4-6:2014          | Level 2  | 3Vrms              |
| Voltage dip, interruption | BS EN 61000-4-11:2004+A1:2017 | >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 system, the final equipment manufacturers must re-qualify EMC Directive on the complete installation again. For guidance on how to perform these EMC tests, please refer to TDF (Technical Documentation File).

**The Ecodesign for Energy-Related Products and Energy Information (Amendment) (EU Exit) Regulations 2019 :** BS EN 50563:2011+A1:2013, BS EN 50564:2011

This Declaration is effective from serial number EJxxxxxx B2128R

#### 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)

Alex Tsai /Director, Marketing Department :

(Name / Position)

(Signature)

Taiwan

Jul. 1st.2021

(Place)

(Date)