



## UK Declaration of Conformity

For the following equipment :

Product Name: Switching Power Supply

Model Designation: GEM12lyzzzzz,GSM12Eyzzzzz (y=05, 07, 09, 12, 15, 18, 24, 28, 48; zzzzz=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 : TA 50371281

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

#### EMI (Electro-Magnetic Interference)

Conducted emission / Radiated emission

	BS EN55011: 2009+A1:2010	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	15KV
ESD contact	BS EN 61000-4-2:2009	Level 2	8KV
RF field susceptibility	BS EN 61000-4-3:2006+A2:2010	Level 2	10V/m
EFT bursts	BS EN 61000-4-4:2012	Level 2	2KV
Surge susceptibility	BS EN 61000-4-5:2014+A1:2017	Level 3	1KV/L-N
Conducted susceptibility	BS EN 61000-4-6:2014	Level 2	3Vrms
Magnetic field immunity	BS EN 61000-4-8:2010	Level 4	30A/m
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

(Place)

Jul. 1st.2021

(Date)