



UK Declaration of Conformity

For the following equipment :

Product Name: Switching Power Supply

Model Designation: GP50xy-zzzzz (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 EJxxxxxxx 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)

Taiwan

(Place)

(Signature)

Jul. 1st.2021

(Date)