



UK Declaration of Conformity

For the following equipment :

Product Name: Switching Power Supply

Model Designation: SGAS15xb-zzzz (x=A, B ,E ,CH , I ; b=03,05,07,09,12,15,18, 24, 28,48; zzzz=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 50479788

Electrical Compatibility Regulations 2016:

EMI (Electro-Magnetic Interference)

Conducted emission / Radiated emission

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

EMS (Electro-Magnetic Susceptibility)

BS EN 55024 : 2010

| | | | |
|---------------------------|------------------------------|---------|--|
| ESD air | BS EN61000-4-2:2009 | Level 3 | 8KV |
| ESD contact | BS EN61000-4-2:2009 | Level 2 | 4KV |
| RF field susceptibility | BS EN61000-4-3:2006+ A2:2010 | Level 2 | 3V/m |
| EFT bursts | BS EN61000-4-4:2012 | Level 2 | 1KV |
| Surge susceptibility | BS EN61000-4-5:2014+A1:2017 | Level 3 | 1KV/L-N |
| Conducted susceptibility | BS EN61000-4-6:2013+C1:2015 | Level 2 | 3V |
| Magnetic field immunity | BS EN61000-4-8:2010 | Level 1 | 1A/m |
| Voltage dip, interruption | BS EN61000-4-11:2004+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 B2130R

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. 29th.2021

(Date)