



UK Declaration of Conformity

For the following equipment :

Product Name: Switching Power Supply

Model Designation: SGA25xb (x=E, B, I; y=03, 05, 07, 09, 12, 15, 18, 24, 28, 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

Electrical Equipment (Safety) Regulations 2016 :

BS EN 62368-1:2014+A11

TUV certificate No : S 50490148

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

Voltage flicker

BS EN61000-3-3:2013

EMS (Electro-Magnetic Susceptibility)

BS EN 55024 : 2010

ESD air

BS EN 61000-4-2:2008

Level 3 8KV

ESD contact

BS EN 61000-4-2:2008

Level 2 4KV

RF field susceptibility

BS EN 61000-4-3:2006+A2:2010

Level 2 3V/m 80~1000MHz

EFT bursts

BS EN 61000-4-4:2012

Level 2 1KV/5KHz

Surge susceptibility

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

Level 3 1KV/L-N

Conducted susceptibility

BS EN 61000-4-6:2016

Level 2 3Vrms

Magnetic field immunity

BS EN 61000-4-8:2010

Level 1 1A/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

Jul. 1st.2021

(Place)

(Date)