



## UK Declaration of Conformity

For the following equipment :

Product Name: AC/DC Switching Adaptor

Model Designation: GST220Ax (x=12,15,20,24,36,48) ;GST220A48-AG1

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+A11:2017

TUV certificate No : S 50448124

**Electrical Compatibility Regulations 2016 :**

**EMI (Electro-Magnetic Interference)**

Conducted emission / Radiated emission

BS EN 55032:2015+A1:2020

BS EN IEC 61204-3: 2018

Class B

Harmonic current BS EN IEC 61000-3-2:2019+A1:2021

Voltage flicker BS EN 61000-3-3:2013+A1:2019

**EMS (Electro-Magnetic Susceptibility)**

BS EN 55035:2017+A11:2020, BS EN IEC 61204-3:2018

ESD air BS EN 61000-4-2:2009 Level 4 15KV

ESD contact BS EN 61000-4-2:2009 Level 4 8KV

RF field susceptibility BS EN IEC 61000-4-3:2020 Level 3 10V/m

EFT bursts BS EN 61000-4-4:2012 Level 3 2KV/5KHz

Surge susceptibility BS EN 61000-4-5:2014+A1:2017 Level 3 1KV/Line-Line

Surge susceptibility BS EN 61000-4-5:2014+A1:2017 Level 3 2KV/Line-Earth

Conducted susceptibility BS EN 61000-4-6:2014 Level 3 10V

Magnetic field immunity BS EN 61000-4-8:2010 Level 4 30A/m

Voltage dip, interruption BS EN IEC 61000-4-11:2020  
>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 Regulations on the complete system 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 2020**

This Declaration is effective from serial number SC1xxxxxxx

**Person responsible for marking this declaration :**

MEAN WELL Enterprises Co., Ltd.

(Manufacturer Name)

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(Manufacturer Address)

Aries Jian/ Director, Group R&D :

(Name / Position)

*Aries*

(Signature)

Alex Tsai/ Director, Product Strategy Center :

(Name / Position)

*[Signature]*

(Signature)

Taiwan

(Place)

Aug. 2nd, 2021

(Date)