



UK Declaration of Conformity

For the following equipment :

Product Name: Switching Power Supply

Model Designation: GST120Ax (x=12,15,20,24,48)

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+A11:2017

CB certificate No : JPTUV-094068-M1

Electrical Compatibility Regulations 2016 :

EMI (Electro-Magnetic Interference)

Conducted emission / Radiated emission

BS EN 55032:2015+A1:2020

Class B

BS EN IEC 61204-3: 2018

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)