



Declaration of Conformity

For the following equipment :

Product Name: Switching Power supply

Model Designation: GST160Ax (x=12,15,20,24,36,48)

is herewith confirmed to comply with the requirements set out in the Council Directive, the following standards were applied :

RoHS Directive (2011/65/EU), (EU)2015/863

Low Voltage Directive (2014/35/EU) :

EN 62368-1:2014+A11

TUV certificate No : S 50447160

Electromagnetic Compatibility Directive (2014/30/EU) :

EMI (Electro-Magnetic Interference)

Conducted emission / Radiated emission

EN 55032:2015+A1:2020

EN IEC 61204-3:2018

Class B

Harmonic current

EN IEC 61000-3-2:2019+A1:2021

Voltage flicker

EN 61000-3-3:2013+A1:2019

EMS (Electro-Magnetic Susceptibility)

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

ESD air

EN 61000-4-2:2009

Level 4

15KV

ESD contact

EN 61000-4-2:2009

Level 4

8KV

RF field susceptibility

EN IEC 61000-4-3:2020

Level 3

10V/m

EFT bursts

EN 61000-4-4:2012

Level 3

2KV/5KHz

Surge susceptibility

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

Level 3

1KV/Line-Line

Surge susceptibility

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

Level 3

2KV/Line-Earth

Conducted susceptibility

EN 61000-4-6:2014

Level 3

10V

Magnetic field immunity

EN 61000-4-8:2010

Level 4

30A/m

Voltage dip, interruption

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 Directive on the complete system again.

For guidance on how to perform these EMC tests, please refer to TDF (Technical Documentation File).

Energy-Related Products Directive (2009/125/EC) :

Ecodesign requirements for no-load condition electric power consumption and average active efficiency of external power supplies (EU)2019/1782

This Declaration is effective from serial number SC1xxxxxx

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:

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(Signature)

Alex Tsai/ Director, Product Strategy Center:

(Name / Position)

[Signature]
(Signature)

Taiwan

(Place)

Aug. 2nd, 2021

(Date)