



# 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) :**

EN62368-1:2014+A11

TUV certificate No : S 50447160

**Electromagnetic Compatibility Directive (2014/30/EU) :**

**EMI (Electro-Magnetic Interference)**

Conducted emission / Radiated emission

EN 55032:2015+EN 55032:2015+A11:2020 EN IEC 61204-3:2018

Class B

Harmonic current EN IEC 61000-3-2:2019

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

**EMS (Electro-Magnetic Susceptibility)**

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

ESD air EN61000-4-2:2009 Level 4 15KV

ESD contact EN61000-4-2:2009 Level 4 8KV

RF field susceptibility EN61000-4-3: 2006+A1:2008+A2:2010 Level 2 3V/m

EFT bursts EN61000-4-4: 2012 Level 2 1KV/5KHz

Surge susceptibility EN61000-4-5:2014 Level 3 1KV/Line-Line

Surge susceptibility EN61000-4-5:2014 Level 3 2KV/Line-Earth

Conducted susceptibility EN61000-4-6:2014 Level 2 3V

Magnetic field immunity EN61000-4-8:2010 Level 2 1A/m

Voltage dip, interruption EN61000-4-11:2004+A1:2017+A2:2020 >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 EC0xxxxxxx

**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)

Johnny Huang/Manager, Certification Center :

Alex Tsai/Director, Marketing Department :

(Name / Position)

(Signature)

(Name / Position)

(Signature)

Taiwan

Dec. 31st, 2020

(Place)

(Date)