



Declaration of conformity

For the following equipment :

Product Name: Switching Power Supply

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

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

RoHS Directive (2011/65/EU)

Low Voltage Directive (2014/35/EU) :

EN 60950-1:2006+A11+A1+A12+A2

TUV certificate No : S 50306752

Electromagnetic Compatibility Directive (2014/30/EU) :

EMI (Electro-Magnetic Interference)

Conducted emission EN55032:2015 EN61204-3:2000 Class B

Radiated emission EN55032:2015 EN61204-3:2000 Class B

Harmonic current EN61000-3-2:2014

Voltage flicker EN61000-3-3:2013

EMS (Electro-Magnetic Susceptibility)

EN55024:2010+A1:2015 EN61204-3:2000

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 3A/m

Voltage dip, interruption EN61000-4-11:2004 >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 EC No.278/2009

This Declaration is effective from serial number EB6xxxxxxx

Person responsible for marking this declaration :

SuZhou MEAN WELL Technology Co.,Ltd.

(Manufacturer Name)

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Bruce Jing/Senior Verification Engineer :

(Name / Position)

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Harvey He /Product Manager :

(Name / Position)

Harvey
(Signature)

SuZhou

(Place)

Jan. 3rd, 2017

(Date)