



## 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)**

**Low Voltage Directive (2014/35/EU) :**

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

TUV certificate No : S 50312434

### 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 EB6xxxxxx

#### Person responsible for marking this declaration :

SuZhou MEAN WELL Technology Co.,Ltd.

(Manufacturer Name)

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(Name / Position)

Harvey  
(Signature)

SuZhou  
(Place)

Jan. 3rd, 2017  
(Date)