



Declaration of conformity

For the following equipment :

Product Name: Switching Power Supply

Model Designation: EPP-500-y (y=12,15,18,24,27,36,48,54)

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 : R 50419647

EN 60335-1:2012+A11+A13+A1+A14+A2+A15

TUV certificate No : R 50452737

Electromagnetic Compatibility Directive (2014/30/EU) :

EMI (Electro-Magnetic Interference)

Conducted emission EN 55032:2015

Class A(for Class II) ; Class B(for Class I)

Radiated emission EN 55032:2015

Class A

Harmonic current EN 61000-3-2:2014

Voltage flicker EN 61000-3-3:2013

EMS (Electro-Magnetic Susceptibility)

EN 55024:2010+A1:2015

ESD air EN 61000-4-2:2009

Level 4 15KV

ESD contact EN 61000-4-2:2009

Level 4 8KV

RF field susceptibility EN 61000-4-3:2006+A1:2008+A2:2010

Level 2 3V/m

EFT bursts EN 61000-4-4:2012

Level 2 1KV/5KHz

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

Level 4 2KV/Line-Line

Surge susceptibility EN 61000-4-5:2014

Level 4 4KV/Line-Earth

Conducted susceptibility EN 61000-4-6:2014

Level 2 3V

Magnetic field immunity EN 61000-4-8:2010

Level 2 3A/m

Voltage dip, interruption EN 61000-4-11:2004+A1:2017 >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).

This Declaration is effective from serial number SC3xxxxxxx

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)

Aries Jian/ Director, Group R&D:

(Signature)

Alex Tsai/Director, Marketing Department:

(Name / Position)

(Signature)

Taiwan

(Place)

Apr. 11th, 2023

(Date)