



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

Electromagnetic Compatibility Directive (2014/30/EU) :

EMI (Electro-Magnetic Interference)

Conducted emission EN55032:2015 Class A(for Class II) ; Class B(for Class I)

Radiated emission EN55032:2015 Class A

Harmonic current EN61000-3-2:2014

Voltage flicker EN61000-3-3:2013

EMS (Electro-Magnetic Susceptibility)

EN55024:2010+A1:2015

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+A1:2017 Level 4 2KV/Line-Line

Surge susceptibility EN61000-4-5:2014 Level 4 4KV/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+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 EB9xxxxxx

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 :

(Name / Position)


(Signature)

Alex Tsai/Director, Marketing Department :

(Name / Position)


(Signature)

Taiwan

(Place)

Jul. 22nd, 2019

(Date)



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 60335-1:2012+A11+A13+A1+A14+A2
EN 62233:2008

TUV certificate No : R50452737

Electromagnetic Compatibility Directive (2014/30/EU) :

EMI (Electro-Magnetic Interference)

Conducted emission	EN 55032:2015	ClassA (for Class II) ; ClassB (for Class I)
Radiated emission	EN 55032:2015	ClassA (for Class II) ;

Harmonic current	EN 61000-3-2:2014
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Voltage flicker	EN 61000-3-3:2013
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EMS (Electro-Magnetic Susceptibility)

EN 55024:2010+A1:2015

ESD air	EN61000-4-2:2009	Level 4	15KV
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ESD contact	EN61000-4-2:2009	Level 4	8KV
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RF field susceptibility	EN61000-4-3:2010	Level 3	10V/m
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EFT bursts	EN61000-4-4:2012	Level 3	2KV/5KHz
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Surge susceptibility	EN61000-4-5:2014	Level 4	2KV/Line-Line
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Surge susceptibility	EN61000-4-5:2014	Level 4	4KV/Line-Line
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Conducted susceptibility	EN61000-4-6:2014	Level 3	10V
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Magnetic field immunity	EN61000-4-8:2010	Level 4	30A/m
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Voltage dip, interruption	EN61000-4-11:2004	>95% dip 0.5 periods	30% dip 25 periods	>95% interruptions 250 periods
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Note:

A component power supply will be installed into final equipment. Since EMC performance will be affected by the complete installation, the final equipment manufacturers must re-qualify EMC Directive on the complete installation again.

For guidance on how to perform these EMC tests, please refer to "EMI testing of component power supplies".(as available on <http://www.meanwell.com>)".

This Declaration is effective from serial number SC1xxxxxx

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 :

(Name / Position)

(Signature)

Alex Tsai/Director, Product Strategy Center :

(Name / Position)

(Signature)

Taiwan

(Place)

Apr. 28th, 2021

(Date)