



Declaration of conformity

For the following equipment :

Product Name: Switching Power Supply

Model Designation: OWA-200E-x (x=12,20,24,36,42)

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+A14+A2+A15/ EN 62233:2008

EN 61558-1:2005+A1 / EN 61558-2-16:2009+A1

EN IEC 61558-1:2019

DEKRA certificate No:35-129406

Electromagnetic Compatibility Directive (2014/30/EU) :

EMI (Electro-Magnetic Interference)

Conducted emission / Radiated emission

EN 55032:2015+A11:2020

Class B

EN IEC 55014-1:2021

Harmonic current

EN IEC 61000-3-2:2019+A1:2021

Voltage flicker

EN 61000-3-3:2013+A1:2019+A2:2021

EMS (Electro-Magnetic Susceptibility)

EN 55035:2017+A11:2020

EN IEC55014-2:2021

ESD air

EN 61000-4-2:2009

Level 3

8KV

ESD contact

EN 61000-4-2:2009

Level 2

4KV

RF field susceptibility

EN IEC 61000-4-3:2020

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

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 IEC 61000-4-11:2020

0% residual voltage for 0.5 cycles ,70% residual voltage for 25 cycles , 40% residual voltage for 10 cycles ,<5% residual voltage for 250 cycles

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 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 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 numberGC3xxxxxxx

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)

Aries
(Signature)

Alex Tsai/Director, Product Strategy Center :

(Name / Position)

[Signature]
(Signature)

Taiwan

(Place)

Jul. 4, 2023

(Date)



Declaration of conformity

For the following equipment :

Product Name: Switching Power Supply

Model Designation: OWA-200E-x (x=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 61558-1:2005+A1/ EN 61558-2-16:2009+A1

EN IEC 61558-1:2019

DEKRA certificate No:35-129456

Electromagnetic Compatibility Directive (2014/30/EU) :

EMI (Electro-Magnetic Interference)

Conducted emission / Radiated emission

EN 55032:2015+A11:2020

Class B

EN IEC 55014-1:2021

Harmonic current

EN IEC 61000-3-2:2019+A1:2021

Voltage flicker

EN 61000-3-3:2013+A1:2019+A2:2021

EMS (Electro-Magnetic Susceptibility)

EN 55035:2017+A11:2020 EN IEC 55014-2:2021

ESD air

EN 61000-4-2:2009

Level 3 8KV

ESD contact

EN 61000-4-2:2009

Level 2 4KV

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

Conducted susceptibility

EN 61000-4-6:2014

Level 2 3V

Magnetic field immunity

EN 61000-4-8:2010

Level 23A/m

Voltage dip, interruption

EN IEC 61000-4-11:2020

0% residual voltage for 0.5 cycles ,70% residual voltage for 25 cycles , 40% residual voltage for 10 cycles ,<5% residual voltage for 250 cycles

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 installation, the final equipment manufacturers must re-qualify EMC Directive on the complete installation again.

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