



Declaration of Conformity

For the following equipment :

Product Name: Variable Frequency Drive

Model Designation: VFD-150P-48, VFD-250P-48, VFD-350P-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), (EU)2015/863

Low Voltage Directive (2014/35/EU) :

EN61800-5-1:2007+A1+A11

TUV certificate No : R50602654

Electromagnetic Compatibility Directive (2014/30/EU) :

EMI (Electro-Magnetic Interference)

Conducted emission

Radiated emission EN IEC 61800-3:2018 Class A

EMS (Electro-Magnetic Susceptibility)

EN IEC 61800-3:2018

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 3 10V/m(80MHz-1.0GHz)
3V/m(1.4GHz-2.0GHz)
1V/m(2.0GHz-2.7GHz)

EFT bursts EN 61000-4-4:2012 Level 3 2KV/5KHz

Surge susceptibility EN 61000-4-5:2014+A1:2017 Level 2 0.5KV/Line-Line

Surge susceptibility EN 61000-4-5:2014+A1:2017 Level 2 1KV/Line-Earth

Conducted susceptibility EN 61000-4-6:2014 Level 3 10V

Magnetic field immunity EN 61000-4-8:2010 Level 3 3A/m

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).

This Declaration is effective from serial number SC3xxxxxxx

Person responsible for marking this declaration :

MEAN WELL Enterprises Co., Ltd.

(Manufacturer Name)

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(Manufacturer Address)

Aries Jian/ Director, Group R&D :
(Name / Position)

Aries
(Signature)

Alex Tsai/Director, Product Strategy Center :
(Name / Position)

[Signature]
(Signature)

Taiwan
(Place)

Oct. 20th, 2023
(Date)