



## UK Declaration of Conformity

For the following equipment :

Product Name: DC-DC converter

Model Designation: SPOL-12P; SPOL-12N

The designated product(s) is(are) in conformity with the relevant legislation:

**The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012:** SI 2012 No. 3032

### Electrical Equipment (Safety) Regulations 2016 :

The products applicative voltage is under 75VDC of LVD minimum adopted voltage.

### Electrical Compatibility Regulations 2016 :

#### EMI (Electro-Magnetic Interference)

Radiated emission BS EN 55032:2015+A11:2020 Class A

Harmonic current BS EN IEC 61000-3-2:2019

Voltage flicker BS EN 61000-3-3:2013+A1:2019

#### EMS (Electro-Magnetic Susceptibility)

BS EN 55035:2017+A11:2020

ESD air BS EN 61000-4-2:2009 Level 3 8KV

ESD contact BS EN 61000-4-2:2009 Level 2 6KV

RF field susceptibility BS EN 61000-4-3:2006+A1:2007+A2:2010 Level 3 10V/m

EFT bursts BS EN 61000-4-4:2012 Level 3 2.0KV

Surge susceptibility BS EN 61000-4-5:2014+A1:2017 Level 3 2.0KV/L-N

Conducted susceptibility BS EN 61000-4-6:2014 Level 2 3V

Magnetic field immunity BS EN 61000-4-8:2010 Level 3 10A/m

BS EN 61000-4-11:2004+A1:2017  
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 Regulations 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 2225

### 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)

Taiwan

(Place)

Jul. 12th. 2022

(Date)