



## UK Declaration of Conformity

For the following equipment :

Product Name: Switching Power Supply

Model Designation:RPS-120-X-Y (X=12, 15, 24, 27, 48; Y=C or Blank)

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

**Medical Devices Regulations 2002 (SI 2002 No 618, as amended) (UK MDR 2002)**

TUV certificate No : TA50336473 (RPS-120-x)

BS EN 60601-1:2006+A1+A12+A2

TA50335081 (RPS-120-x-C)

BS EN 60601-1-2:2015+A1:2021

### EMI (Electro-Magnetic Interference)

Conducted emission / Radiated emission

BS EN 55011:2016+A11:2020 Class B

Harmonic current BS EN IEC 61000-3-2:2019+A1:2021

Voltage flicker BS EN 61000-3-3:2013+A1:2019+A2:2021

### EMS (Electro-Magnetic Susceptibility)

ESD air	BS EN 61000-4-2:2009	Level 4	15KV
ESD contact	BS EN 61000-4-2:2009	Level 4	8KV
RF field susceptibility	BS EN IEC 61000-4-3:2020	Level 3	10V/m(80MHz-2.7GHz)
RF field susceptibility	BS EN IEC 61000-4-3:2020	Table 9	9~28V/m (385MHz~5.78GHz)
EFT bursts	BS EN 61000-4-4:2012	Level 3	2KV/100KHz
Surge susceptibility	BS EN 61000-4-5:2014+A1:2017	Level 4	2KV/Line-Line
Surge susceptibility	BS EN 61000-4-5:2014+A1:2017	Level 4	4KV/Line-Earth
Conducted susceptibility	BS EN 61000-4-6:2014	Level 3	10V
Magnetic field immunity	BS EN 61000-4-8:2010	Level 4	30A/m
Voltage dip, interruption	BS EN IEC 61000-4-11:2020	0% residual voltage for 0.5 cycles, 0% residual voltage for 1 cycles, 70% residual voltage for 25 cycles, 0% 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 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).

The product under declaration is just a unit without medical function. Complete MDR should only be verified when it is used together with particular medical device(s).

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 :

(Name / Position)

*Aries*

(Signature)

Alex Tsai/ Director, Product Strategy Center :

(Name / Position)

(Signature)

Taiwan

(Place)

Aug. 28th, 2023

(Date)