



UK Declaration of Conformity

For the following equipment :

Product Name: Switching Power Supply

Model Designation: RPS-45-X(X=3.3, 5, 7.5, 12, 15, 24, 48)

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)

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

TUV certificate No : TA 50328876

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

EMI (Electro-Magnetic Interference)

Conducted emission / Radiated emission

BS EN 55011:2016+A2:2021

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)

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

BS EN IEC 61000-6-2:2019

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/5KHz

Surge susceptibility

BS EN 61000-4-5:2014+A1:2017

Level 4

2KV/Line-Line

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 :

(Signature)

Alex Tsai/ Director, Product Strategy Center :

(Name / Position)

(Signature)

Taiwan

(Place)

Dec. 4th, 2023

(Date)