UK Declaration of Conformity

For the following equipment：

Product Name: Switching Power Supply

Model Designation: NMP1K2-aaaaaa-xx(a=C , E , H , K ,D or #；x=0~9)C=NMS-240-05 , E=NMS-240-12 , H=NMS-240-24 , K=NMS-240-48,#=Blank , D=NMD-240,#=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)

Electrical Equipment (Safety) Regulations 2016：

BS EN 62368-1:2014+A11:2017 BS EN 60601-1:2006+A12:2014	TUV certificate No：R50417957 TUV certificate No：TA50393544 (for NMP1K2) TUV certificate No：TA50393494 (for NMS-240&NMD-240)

Electrical Compatibility Regulations 2016：

EMI (Electro-Magnetic Interference)

Conducted emission / Radiated emission

	BS EN 55032:2015+A11:2020 BS EN 55011:2016+A11:2020	Class B	
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 55024:2010+A1:2015 BS EN 60601-1-2:2015 BS EN55035:2017+A11:2020

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 61000-4-3: 2006+A1:2008+A2:2010	Level 3	10V/m (80MHz-2.7GHz)
RF field susceptibility	BS EN 61000-4-3: 2006+A1:2008+A2:2010	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
Surge susceptibility	BS EN 61000-4-5:2014+A1:2017	Level 4	4KV/Line-Earth
Conducted susceptibility	BS EN 61000-4-6:2014	Level 2	3V
Magnetic field immunity	BS EN 61000-4-8:2010	Level 4	30A/m
Voltage dip, interruption	BS EN IEC 61000-4-11:2020 >95% dip 0.5 periods 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).

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 TC1xxxxxxx

Person responsible for marking this declaration：

MEAN WELL Enterprises Co., Ltd.

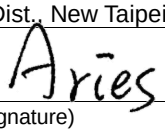
(Manufacturer Name)

No.28, Wuquan 3rd Rd., Wugu Dist., New Taipei City 24891, Taiwan

(Manufacturer Address)

Aries Jian/ Director, Group R&D：

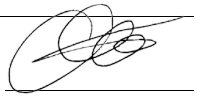
(Name / Position)



(Signature)

Alex Tsai/ Director, Product Strategy Center：

(Name / Position)



(Signature)

Taiwan

(Place)

May. 27th, 2021

(Date)

Version：1