



## Declaration of Conformity

For the following equipment :

Product Name: Medical Type Switching Power Supply

Model Designation: X-20-Y (X=NFM,PM) (Y=3,3,5,12,15,24)

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**

**MDD Directive (93/42/EEC)**

EN60601-1:2006+A11+A1+A12

TUV certificate No : TA50220147

**EMI (Electro-Magnetic Interference)**

Conducted emission / Radiated emission

	EN55011:2016+A1:2017 (Group 1)	Class B
Harmonic current	EN61000-3-2:2014	
Voltage flicker	EN61000-3-3:2013	

**EMS (Electro-Magnetic Susceptibility)**

EN60601-1-2:2015

ESD air	EN61000-4-2:2009	Level 4	15KV
ESD contact	EN61000-4-2:2009	Level 4	8KV
RF field susceptibility	EN61000-4-3:2006+A1:2008+A2:2010	Level 3	10V/m(80MHz-2.7GHz)
RF field susceptibility	EN61000-4-3:2006+A1:2008+A2:2010	Table 9	9~28V/m (385MHz~5.78GHz)
EFT bursts	EN61000-4-4:2012	Level 3	2KV/100KHz
Surge susceptibility	EN61000-4-5:2014+A1:2017	Level 4	2KV/Line-Line
Surge susceptibility	EN61000-4-5:2014+A1:2017	Level 4	4KV/Line-Earth
Conducted susceptibility	EN61000-4-6:2014	Level 3	10V
Magnetic field immunity	EN61000-4-8:2010	Level 4	30A/m

Voltage dip, interruption EN61000-4-11:2004+A1:2017 100% dip 1 periods 30% dip 25 periods 100% interruptions 250 periods

**Note:**

A component power supply with load will be installed into final equipment which consists of an electronically shielded metal enclosure. Since EMC performance will be affected by the complete installation, the final equipment manufacturers must re-qualify EMC Directive on the complete installation again.

The EMC tests mentioned above are performed using a well defined metal plate to simulate said metal enclosure.

For guidance on how to perform these EMC tests, please refer to "EMI testing of component power supplies".(as available on <http://www.meanwell.com>)" and TDF (Technical Documentation File).

This Declaration is effective from serial number EB9xxxxxx

Person responsible for marking this declaration :

MEAN WELL Enterprises Co., Ltd.

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(Manufacturer Address)

Johnny Huang/ Manager, Certification Center :		Alex Tsai/Director, Marketing Department :	
(Name / Position)	(Signature)	(Name / Position)	(Signature)
Taiwan	Jul. 22nd, 2019		
(Place)	(Date)		