MEAN WELL

Declaration of Conformity

For the following equipment：

Product Name: Switching Power Supplies

Model Designation: MDR-100-x (x=12,24,48)

is herewith confirmed to comply with the requirements set out in the Council Directive, the following standards were applied：

RoHS Directive   (2011/65/EU)
Low Voltage Directive (2014/35/EU)：

EN60950-1:2006+A11+A1+A12+A2	TUV certificate No：R50123453

Electromagnetic Compatibility Directive (2014/30/EU)：
EMI (Electro-Magnetic Interference)
Conducted emission / Radiated emission

	EN55022:2010	Class B
Harmonic current	EN61000-3-2:2014	
Voltage flicker	EN61000-3-3:2013	

EMS (Electro-Magnetic Susceptibility)

EN55024:2010+A1:2015			
ESD air	EN61000-4-2:2009	Level 3	8KV
ESD contact	EN61000-4-2:2009	Level 2	4KV
RF field susceptibility	EN61000-4-3:2006+A1:2008+A2:2010	Level 3	10V/m
EFT bursts	EN61000-4-4:2012	Level3	2KV/5KHz
Surge susceptibility	EN61000-4-5:2014	Level 4	2KV/Line-Line
Surge susceptibility	EN61000-4-5:2014	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 >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 Directive 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 EB6xxxxxxx

Person responsible for marking this declaration：

MEAN WELL Enterprises Co., Ltd.
(Manufacturer Name)

No.28, Wuquan 3rd Rd., Wugu Dist., New Taipei City 248, Taiwan
(Manufacturer Address)

Johnny Huang/Manager, Certification Center：		Ted Cheng/Director, Sales Dept.：	
(Name / Position)	(Signature)	(Name / Position)	(Signature)

Taiwan	Jan. 16th, 2017
(Place)	(Date)