



Declaration of Conformity

For the following equipment :

Product Name: Switching Power Supplies

Model Designation: KNX-20E-640

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) :

EN61558-1:2005+A1/EN61558-2-16:2009+A1

TUV certificate No : R50333968

Electromagnetic Compatibility Directive (2014/30/EU) :

EMI (Electro-Magnetic Interference)

Conducted emission / Radiated emission
EN50491-5-2:2010
EN50491-5-3:2010
EN61000-6-3:2007+A1:2011
EN61000-6-4:2007+A1:2011

Harmonic current EN61000-3-2:2014

Voltage flicker EN61000-3-3:2013

EMS (Electro-Magnetic Susceptibility)

EN50491-5-2:2010 EN50491-5-3:2010 EN61000-6-1:2007 EN61000-6-2:2005

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 Level 3 2KV/5KHz

Surge susceptibility EN61000-4-5:2014 Level 2 1KV/Line-Line

Surge susceptibility EN61000-4-5:2014 Level 3 2KV/Line-Earth

Conducted susceptibility EN61000-4-6:2009 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/Senior Verification Engineer :
(Name / Position)

(Signature)

Ted Cheng/Product Manager :
(Name / Position)

(Signature)

Taiwan
(Place)

Apr. 20th, 2016
(Date)