



### Declaration of Conformity

For the following equipment :

Product Name: Switching Power Supply

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) :**

EN IEC 61558-1:2019 / EN 61558-2-16:2009+A1 TUV certificate No : R50333968

**Electromagnetic Compatibility Directive (2014/30/EU) :**

**EMI (Electro-Magnetic Interference)**

Conducted emission	EN 50491-5-2:2010 / EN50491-5-3:2010
Radiated emission	EN 61000-6-3: 2007/A1: 2011
	EN IEC 61000-6-4: 2019

Harmonic current EN IEC 61000-3-2:2019+A1: 2021

Voltage flicker EN 61000-3-3:2013/A1: 2019

**EMS (Electro-Magnetic Susceptibility)**

EN 50491-5-2:2010 EN50491-5-3:2010 EN IEC 61000-6-1:019 EN IEC 61000-6-2:2019

ESD air EN 61000-4-2:2009 Level 3 8KV

ESD contact EN 61000-4-2:2009 Level 2 4KV

RF field susceptibility EN 61000-4-3:2006+A1:2008+A2:2010 Level 3 10V/m

EFT bursts EN 61000-4-4:2012 Level 3 2KV/5KHz

Surge susceptibility EN 61000-4-5:2014/A1:2017 Level 2 1KV/Line-Line

Surge susceptibility EN 61000-4-5:2014 A1:2017 Level 3 2KV/Line-Earth

Conducted susceptibility EN 61000-4-6:2014 Level 3 10V

Magnetic field immunity EN 61000-4-8:2010 Level 4 30A/m

Voltage dip, interruption EN IEC 61000-4-11:2020 <5% residual voltage for 0.5 cycles ,70% residual voltage for 25 cycles , <5% 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).

This Declaration is effective from serial number TC2xxxxxx

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)

Aries Jian/ Director, Group R&D :

(Name / Position)

*Aries*  
(Signature)

Alex Tsai/Director, Product Strategy Center :

(Name / Position)

*[Signature]*  
(Signature)

Taiwan

(Place)

Mar. 16th, 2022

(Date)