# Declaration of conformity

For the following equipment：

Product Name: Switching Power Supply

Model Designation: APx-y-z (x=C, y=12, z=240OL, 350, 700), (x=C, y=16, z=350, 700),
(x=V, y=12 or 16, z=5, 12, 15, 24)
APx-y-z (x=C,y=12E or 16E,z=350,700)
(x=V,y=12E or 16E, z=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**

**Low Voltage Directive (2014/35/EU)：**

EN62368-1:2014+A11:2017 — LVD report No : LPS-P21012301R1 for APC series
LPS-P21012302R1 for APV series

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

**EMI (Electro-Magnetic Interference)**

Conducted emission/ Radiated emission

| | | | |
|---|---|---|---|
| | EN 55032:2015+A1:2020 | | Class B |
| Harmonic current | EN IEC 61000-3-2:2019 | | |
| Voltage flicker | EN 61000-3-3:2013+A1:2019 | | |

**EMS (Electro-Magnetic Susceptibility)**

EN 55035:2017+A11:2020

| | | | |
|---|---|---|---|
| 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 2 | 3V/m |
| EFT bursts | EN 61000-4-4:2012 | Level 2 | 1KV/5KHz |
| Surge susceptibility | EN 61000-4-5:2014+A1:2017 | Level 4 | 2KV/Line-Line |
| Conducted susceptibility | EN 61000-4-6:2014 | Level 2 | 3V |
| Magnetic field immunity | EN 61000-4-8:2010 | Level 2 | 3A/m |
| Voltage dip, interruption | EN IEC 61000-4-11:2020 | >95% dip 0.5 periods | 30% dip 25 periods　>95% interruptions 250 periods |

**Note:**
Component power supply will be operated with a final equipment. Since EMC performance will be affected by the complete installation, the final equipment manufacturers must re-qualify EMC Directive on the complete installation again.
For guidance on how to perform these EMC tests, please refer to TDF (Technical Documentation File).

This Declaration is effective from serial number GC1xxxxxxx

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)

Aug. 27th, 2021
(Date)

# Declaration of conformity

For the following equipment：

Product Name: Switching Power Supply

Model Designation: APx-y-z (x=C, y=12, z=240OL, 350, 700), (x=C, y=16, z=350, 700),
(x=V, y=12 or 16, z=5, 12, 15, 24)
APx-y-z (x=C,y=12E or 16E,z=350,700)
(x=V,y=12E or 16E, z=5,12,15,24)

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**Low Voltage Directive (2014/35/EU)：**

EN62368-1:2014+A11:2017 — LVD report No : LPS-P21012301R1 for APC series
LPS-P21012302R1 for APV series

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

**EMI (Electro-Magnetic Interference)**

Conducted emission/ Radiated emission

| | | | |
|---|---|---|---|
| | EN 55032:2015+A1:2020 | | Class B |
| Harmonic current | EN IEC 61000-3-2:2019 | | |
| Voltage flicker | EN 61000-3-3:2013+A1:2019 | | |

**EMS (Electro-Magnetic Susceptibility)**

EN 55035:2017+A11:2020

| | | | |
|---|---|---|---|
| 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 2 | 3V/m |
| EFT bursts | EN 61000-4-4:2012 | Level 2 | 1KV/5KHz |
| Surge susceptibility | EN 61000-4-5:2014+A1:2017 | Level 4 | 2KV/Line-Line |
| Conducted susceptibility | EN 61000-4-6:2014 | Level 2 | 3V |
| Magnetic field immunity | EN 61000-4-8:2010 | Level 2 | 3A/m |
| Voltage dip, interruption | EN IEC 61000-4-11:2020 | >95% dip 0.5 periods | 30% dip 25 periods　>95% interruptions 250 periods |

**Note:**
Component power supply will be operated with a final equipment. Since EMC performance will be affected by the complete installation, the final equipment manufacturers must re-qualify EMC Directive on the complete installation again.
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Alex Tsai/Director, Product Strategy Center：
(Name / Position)　(Signature)

Taiwan
(Place)

Aug. 27th, 2021
(Date)

# Declaration of conformity

For the following equipment：

Product Name: LED Driver

Model Designation: ELG-150-xy (x=C1400,C1750,C2100,12,24,36,42,48,54 ;
y=blank, A,AB,AD2,ADA,B,BE,D,D2,DA)

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**

**Energy-Related Products Directive (2009/125/EC)**
**Implementing measure COMMISSION REGULATION(EC) No 2019/2020**

**Low Voltage Directive (2014/35/EU)：**

EN 61347-1:2015 EN61347-2-13:2014/A1:2017 ENEC certificate No:35-103225

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

**EMI (Electro-Magnetic Interference)**

| | | | |
|---|---|---|---|
| Conducted emission / Radiated emission | EN IEC 55015:2019+A11:2020 | | |
| Harmonic current | EN IEC 61000-3-2:2019 | | Class C(≧50% load) |
| Voltage flicker | EN 61000-3-3: 2013+A1:2019 | | |

**EMS (Electro-Magnetic Susceptibility)**

| EN61547:2009 | | | |
|---|---|---|---|
| ESD air | EN 61000-4-2:2009 | Level 4 | 15KV |
| ESD contact | EN 61000-4-2:2009 | Level 4 | 8KV |
| RF field susceptibility | EN 61000-4-3:2006+A1:2008+A2:2010 | Level 2 | 3V/m |
| EFT bursts | EN 61000-4-4:2012 | Level 2 | 1KV/5KHz |
| Surge susceptibility | EN 61000-4-5:2014+A1:2017 | Line-Line | 4KV |
| Surge susceptibility | EN 61000-4-5:2014+A1:2017 | Line-Earth | 6KV |
| Conducted susceptibility | EN 61000-4-6:2014 | Level 2 | 3V |
| Magnetic field immunity | EN 61000-4-8:2010 | Level 2 | 3A/m |
| Voltage dip, interruption | EN IEC 61000-4-11:2020 | 70% residual voltage for 10 periods , 0% residual voltage for 0.5 periods | |

**Note:**
Component power supply will be operated with a final equipment. Since EMC performance will be affected by the complete installation, the final equipment manufacturers must re-qualify EMC Directive on the complete installation again.
Tests above are only to be performed with LEDs.
For guidance on how to perform these EMC tests, please refer to TDF (Technical Documentation File).
To fulfill requirements of the latest ErP regulation for lighting fixtures, ELG-150-36y(y=B or AB) , ELG-150-xy(x=48 or 54; y=B, AB, DA or ADA) or ELG-150-xy(x=C1400, C1750 or C2100;y=DA or ADA)can only be used behind a switch without permanently connected to the mains.
ELG-150-12y(y=AB,AD2,ADA,B,BE,D,D2,DA) is used for any light source that exempt from the ErP-Directive (EU) 2019/2020 requirement, for example this model could be use for signalling products. (including, but not limited to road-, railway-, marineorair traffic-signalling , traffic control or airfield lamps)

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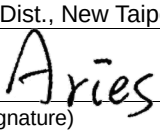
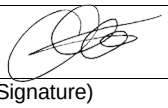
(Name / Position)


(Signature)

Alex Tsai/ Director, Product Strategy Center：
(Name / Position)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**EMI (Electro-Magnetic Interference)**

Conducted emission/ Radiated emission

| | | | |
|---|---|---|---|
| | EN 55032:2015+A1:2020 | | Class B |
| Harmonic current | EN IEC 61000-3-2:2019 | | |
| Voltage flicker | EN 61000-3-3:2013+A1:2019 | | |

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EN 55035:2017+A11:2020

| | | | |
|---|---|---|---|
| ESD air | EN 61000-4-2:2009 | Level 3 | 8KV |
| ESD contact | EN 61000-4-2:2009 | Level 2 | 4KV |
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| Surge susceptibility | EN 61000-4-5:2014+A1:2017 | Level 4 | 2KV/Line-Line |
| Conducted susceptibility | EN 61000-4-6:2014 | Level 2 | 3V |
| Magnetic field immunity | EN 61000-4-8:2010 | Level 2 | 3A/m |
| Voltage dip, interruption | EN IEC 61000-4-11:2020 | >95% dip 0.5 periods | 30% dip 25 periods　>95% interruptions 250 periods |

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