



## **5-Year Warranty Statement**

### **XLG/ELG/XBG/HBG/HVG/HVGC/LPF/NPF/OWA/PWM Series**

MEAN WELL Enterprises Co., Ltd. (MEAN WELL) warrants the following LED driver series products possess the highest quality requirement in their performance, components, and workmanship and provide 5-year limited warranty from the date of manufacture: XLG/ELG/XBG/HBG/HVG/HVGC/LPF/NPF/OWA/PWM. This warranty is conditioned upon proper storage, installation, usage, and maintenance. Under proper usage within the defined operating range based on the datasheet, MEAN WELL shall correct any defects, at MEAN WELL's option, by either repairing any defective parts or replace a new driver. More detailed explanations are listed below:

1. The case temperature (measured at the defined location advised in MEAN WELL's datasheet.) should be lower than the defined value below to validate the 5-year warranty:
  - ELG-75 (case temperature 70°C or lower)
  - ELG-75-C (case temperature 80°C or lower)
  - ELG-100 (case temperature 80°C or lower)
  - ELG-100-C (case temperature 80°C or lower)
  - ELG-150 (case temperature 80°C or lower)
  - ELG-150-C (case temperature 75°C or lower)
  - ELGT-150-C (case temperature 75°C or lower)
  - ELG-200 (case temperature 70°C or lower)
  - ELG-200-C (case temperature 85°C or lower)
  - ELG-240 (case temperature 70°C or lower)
  - ELG-240-C (case temperature 85°C or lower)
  - ELG-300(case temperature 80°C or lower)
  - ELGC-300(case temperature 80°C or lower)
  - HBG-60 (case temperature 80°C or lower)
  - HBG-100 (case temperature 75°C or lower)
  - HBG-160 (case temperature 70°C or lower)
  - HBG-200(case temperature 75°C or lower)
  - HBG-240 (case temperature 70°C or lower)
  - HBGC-300(case temperature 75°C or lower)
  - XBG-100(case temperature 75°C or lower)
  - XBG-160(case temperature 70°C or lower)
  - XBG-240(case temperature 75°C or lower)
  - HVG-65 (case temperature 75°C or lower)
  - HVGC-65 (case temperature 75°C or lower)
  - HVG-100 (case temperature 80°C or lower)



## MEAN WELL ENTERPRISES CO., LTD.

No.28, Wuquan 3rd Rd., Wugu Dist., New Taipei City 24891, Taiwan (R.O.C.)

Tel: + 886-2-2299-6100

Fax: + 886-2-2299-6200

E-mail: info@meanwell.com

<http://www.meanwell.com>

- HVGC-100 (case temperature 80°C or lower)
- HVG-150 (case temperature 75°C or lower)
- HVGC-150 (case temperature 80°C or lower)
- HVG-240 (case temperature 80°C or lower)
- HVGC-240 (case temperature 80°C or lower)
- HVG-320 (case temperature 80°C or lower)
- HVGC-320 (case temperature 80°C or lower)
- HVG-480(case temperature 80°C or lower)
- HVGC-480 (case temperature 80°C or lower)
- HVGC-650 (case temperature 80°C or lower)
- HVGC-1000 (case temperature 80°C or lower)
- LPF-16 (case temperature 70°C or lower)
- LPF-16D (case temperature 70°C or lower)
- LPF-25 (case temperature 70°C or lower)
- LPF-25D (case temperature 70°C or lower)
- LPF-40 (case temperature 75°C or lower)
- LPF-40D (case temperature 75°C or lower)
- LPF-60 (case temperature 70°C or lower)
- LPF-60D (case temperature 70°C or lower)
- LPFH-60D (case temperature 80°C or lower)
- LPF-90 (case temperature 70°C or lower)
- LPF-90D (case temperature 70°C or lower)
- NPF-40 (case temperature 75°C or lower)
- NPF-40D (case temperature 75°C or lower)
- NPF-60 (case temperature 75°C or lower)
- NPF-60D (case temperature 75°C or lower)
- NPF-90 (case temperature 75°C or lower)
- NPF-90D (case temperature 75°C or lower)
- NPF-120 (case temperature 75°C or lower)
- NPF-120D (case temperature 75°C or lower)
- NPF-200 (case temperature 75°C or lower)
- NPF-200V (case temperature 75°C or lower)
- OWA-60U/OWA-60E (case temperature 70°C or lower)
- OWA-90U/OWA-90E (case temperature 75°C or lower)
- OWA-120U/OWA-120E (case temperature 75°C or lower)
- OWA-200U/OWA-200E (case temperature 75°C or lower)
- PWM-40 (case temperature 75°C or lower)
- PWM-60 (case temperature 75°C or lower)

ISO-9001 CERTIFIED

*Your Reliable Power Partner*



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- PWM-90 (case temperature 75°C or lower)
  - PWM-120 (case temperature 75°C or lower)
  - PWM-200 (case temperature 75°C or lower)
2. Per EN61000-4-5, if surge exceeds the following condition, the warranty will not apply-
- XLG/XBG/ELG family: 6KV(Line-Earth or Neutral-Earth) / 4KV (Line-Line)
  - HBG/HVG/HVGC series: 4KV(Line-Earth or Neutral-Earth) / 2KV (Line-Line)
  - Others: 2KV (Line-Line)

3. Through MEAN WELL's evaluation, if the driver needs to be replaced by a new one, the new unit will use original serial number sticker (date code) of the defective unit and follow the remaining warranty period.

The aforementioned series exploit advanced high efficiency topology and adopt high reliability components. All models are executed DMTBF (Demonstration Mean Time Between Failure) / accelerated aging test and proved the lifetime is compatible with the warranty period if the LED driver has been properly operated within the specification. Moreover, global certificates, such as UL, TUV/ENEC, CE, and CB, have been acquired and have witnessed the supreme anti-surge capability by the certified independent certification laboratories. These series are thus highly reliable driver solution for all kinds of indoor or outdoor LED lighting applications.

**MEAN WELL Enterprises Co., Ltd.**

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